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ALBANY MEDICAL COLLEGE

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1902-1903

ANNOUNCEMENT FOR SESSION

1903-'04

MEDICAL DEPARTMENT OF UNION UNIVERSITY

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

72d SESSION, 1902-1903

AND

ANNOUNCEMENT FOR SESSION 1903-1904

ALBANY, N. Y.
PRESS OF BRANDOW PRINTING COMPANY
1903

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Albany med. col. J.
p 11969

FACULTY

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ALBERT VANDER VEER, M.D., Ph.D., Dean, *Professor of Surgery.*

JOHN MILTON BIGELOW, M.D., Ph.D., *Emeritus Professor of Materia Medica, Therapeutics and Diseases of the Throat and Nose.*

SAMUEL BALDWIN WARD, M.D., Ph.D., *Professor of Theory and Practice of Medicine and of Hygiene.*

JAMES PETER BOYD, M.D., *Professor of Obstetrics, Gynecology and Diseases of Children.*

WILLIS GAYLORD TUCKER, M.D., Ph.D., Registrar, *Professor of Chemistry and Toxicology.*

WILLIAM HAILES, M.D., *Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.*

CYRUS STRONG MERRILL, M.D., *Professor of Ophthalmology and Otology.*

FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*

HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*

SAMUEL ROSEBURGH MORROW, M.D., *Professor of Practice of Surgery and of Orthopedic Surgery.*

HERMON CAMP GORDINIER, M.D., *Professor of Physiology.*

HOWARD VAN RENSSELAER, M.D., *Professor of Materia Medica and Therapeutics, and Adjunct Professor of Theory and Practice of Medicine.*

JOSEPH DAVIS CRAIG, M.D., *Professor of Anatomy. Curator of the Museum.*

WILLIS GOSS MACDONALD, M.D., *Professor of Abdominal and Clinical Surgery.*

GEORGE BLUMER, M.D., *Professor of Pathology and Bacteriology.*

Adjunct Professor

ANDREW MacFARLANE, M. D., *Medical Jurisprudence and Physical Diagnosis.*

Clinical Professors

HERMAN BENDELL, M.D., *Otology.*
ARTHUR GUERNSEY ROOT, M.D., *Diseases of the Throat and Nose.*
LEO HAENDEL NEUMAN, M.D., *Theory and Practice of Medicine and Gastro-Enteric Diseases.*
JESSE MONTGOMERY MOSHER, M.D., *Insanity, Neurology and Electro-Therapeutics.*

Lecturers

WILLIAM OLIN STILLMAN, M. D., *History of Medicine.*
HARRY JUDSON LIPES, M. D., *Obstetrics.*
CHARLES HARPER RICHARDSON, M.D., *Minor Surgery.*
ARTHUR WELLS ELTING, M.D., *Surgical Pathology.*
GEORGE EMORY LOCHNER, M.D., *Gynecology.*
ARTHUR TURNER LAIRD, M.D., *Clinical Miscroscopy.*
THEODORE JAMES BRADLEY, Ph. G., *Inorganic Chemistry.*
SPENCER LYMAN DAWES, M.D., *Materia Medica, and Instructor in Theory and Practice of Medicine.*
CHARLES HENRY MOORE, M.D., *Ophthalmology and Otology.*
CLEMENT FRANK THEISEN, M.D., *Diseases of Throat and Nose.*
ARTHUR SAUTTER, M.D., *Dermatology and Genito-Urinary Diseases.*
HENRY LARNED KEITH SHAW, M.D., *Diseases of Children.*
HERBERT DODGE PEASE, M. D., *Antitoxins and Immunity.*

Instructors

Thomas Williams Jenkins, M.D., *Anatomy and Pathological Anatomy.*
Wilfred Silvester Hale, M.D., *Anatomy and Demonstrator of Anatomy.*
Alvah Harry Traver, M.D., *Surgery and Assistant Demonstrator of Anatomy.*
Edgar Roscoe Stillman, M.D., *Physiology.*
Edgar Albert Vander Veer, M.D., *Surgery.*
Eugene Eunson Hinman, M.D., *Anatomy and Assistant Demonstrator of Anatomy.*
Edward Waterbury Becker, M.D., *Physiology.*
Christian Gottlieb Hacker, M.D., *Materia Medica and Therapeutics.*
Harry Wardell Carey, M.D., *Surgical Pathology.*
Leo Frank Adt, M.D., *Ophthalmology.*
Edward Gerald Griffin, M.D., *Therapeutics.*

JAMES FRANCIS ROONEY, M. D., *Theory and Practice of Medicine.*
JAMES WESLEY WILTSE, M.D., *Dermatology and Genito-Urinary Diseases.*
HOWARD EATON LOMAX, M.D., *Anatomy.*

CLINICAL ASSISTANTS

WILLIAM HENRY GEORGE, M.D.
MICHAEL DANIEL STEVENSON, M.D.
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CALENDAR 1903–1904

1903

Regular winter session begins.....Tuesday, September 22
Election vacation.....Monday and Tuesday, November 2 and 3
Thanksgiving vacation begins.....Wednesday afternoon, November 25
Lectures resumed.....Monday, November 30
Christmas vacation begins.....Thursday, December 24

1904

Lectures resumed.....Monday, January 4
Commencement .....Tuesday, May 3

PRELIMINARY EXAMINATION.—The preliminary examination of medical students is under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine should apply to the High School Department, University State of New York, Albany, by letter or otherwise, if information concerning this examination further than that given on pages 36–38 is desired. One of the examinations will be held in Albany, September 29-October 2, 1903.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held before the Christmas vacation. A printed schedule of these examinations is furnished the class.

ANNOUNCEMENT

1903–1904*

Union University includes the Albany Medical College, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Civil Engineering at Schenectady.

With the session of 1897-'98 a four year course was inaugurated and four courses are now required of all candidates for graduation, excepting in the case of graduates from certain colleges registered by the regents as now provided by law, who may be admitted to advanced standing at the discretion of the faculty. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The chemical laboratory is fitted with every requisite for the use of the laboratory classes and the illustration of the lectures, while the Bender Hygienic Laboratory furnishes unexcelled facilities for instruction in histology, pathology, bacteriology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological specimens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

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* Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards made available for clinical purposes to the students and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

CLINICS

Combined Third and Fourth Year Classes

WEDNESDAY—10 A. M., (Medicine), Prof. Hun.
11 A. M., (Surgery), Prof. Morrow.

THURSDAY—10 A. M., (Gynecology), Prof. Boyd.

FRIDAY—5 P. M., (Neurology), Prof. Hun.

SATURDAY—10 A. M., (Medicine), Prof. Ward.
11 A. M., (Surgery), Profs. Vander Veer and Morrow.

Fourth Year Class Divided into Sections

MONDAY—11 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Dermatology), Prof. Curtis.
3 P. M. to 5 P. M., (Insanity and Electricity), Dr. Mosher; (Pediatrics and Obstetrics), Drs. Shaw and Lipes; (Surgery), Dr. Elting.

TUESDAY—11 A. M. to 1 P. M., (Laryngology), Dr. Theisen; (Otology), Dr. Bendell; (Neurology), Dr. Mosher.
3 P. M. to 5 P. M., (Pediatrics), Dr. Shaw; (Orthopedics), Prof. Morrow; (Medicine), Dr. Laird.

THURSDAY—11 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology), Dr. Root.
3 P. M. to 5 P. M., (Medicine), Drs. MacFarlane, Neuman, Mosher and Shaw; (Surgery), Dr. Elting.

FRIDAY—11 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Neurology), Dr. Mosher; (Genito-Urinary), Dr. Sautter.
3 P. M. to 5 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Drs. MacFarlane, Neuman and Shaw; (Surgery), Dr. Elting.

ALBANY MEDICAL COLLEGE
Incorporated 1839

BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine (excepting as stated upon page nine) embraces the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection. 2. **Inorganic Chemistry**—three lectures; four hours laboratory; one recitation. 3. **Physiology**—two lectures; one recitation; two demonstrations. 4. **Histology**—five hours laboratory; one recitation. 5. **Materia medica**—three lectures; two recitations.

Lectures 11; laboratory 9 hours; dissection and demonstrations 8 hours; recitations 5.

Second Year

1. **Anatomy**—three lectures; eight hours dissection and demonstration; two recitations. 2. **Organic Chemistry and Toxicology**—three lectures; one recitation. 3. **Hygiene**—one lecture. 4. **Physiology**—two lectures; one recitation. 5. **Therapeutics**—one lecture; one recitation. 6. **Theory and Practice**—two lectures; one recitation; 7. **Surgery (minor)**—one lecture; one demonstration. 8. **Bacteriology and Pathology**—one lecture; seven and a half hours laboratory. 9. **Clinics**—two hours surgical.

Lectures 14; dissections and demonstrations 9 hours; laboratory 7½ hours; recitations 6; clinics 2.

Third Year

1. **Theory and Practice**—four lectures; two recitations. 2. **Clinical microscopy**—two and a half hours laboratory. 3. **Therapeutics**—two lectures. 4. **Electro-therapeutics**—one lecture half the term. 5. **Obstetrics**—two recitations. 6. **Pediatrics**—one lecture; one recitation half the term. 7. **Neurology**—one lecture; one recitation half the term; one clinic. 8. **Surgery (pathology, operative, fractures, dislocations)**—six lectures; two and a half hours demonstration; two recitations. 9. **Physical Diagnosis and Ophthalmology**—section work, two hours. 10. **History of Medicine**—one lecture half the term. 11. **Conference** — one medical. 12. **Clinics** — two hours medical; three surgical.

Lectures 15; laboratory 2½ hours; demonstrations 2½ hours; conference 1; recitations 7; section work 2; clinics 6.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation. 2. **Neurology**—one lecture; one clinic. 3. **Gynecology**—one lecture. 4. **Obstetrics**—one lecture; one recitation. 5. **Surgery (including orthopedics)**—three lectures; one recitation. 6. **Medical jurisprudence**—one lecture, half the term. 7. **Specialties**—one recitation. 8. **Conferences**—one medical; one surgical. 9. **Clinics**—two hours medical, three surgical. 10. **Clinical section work**—thirteen hours.

Lectures 10; recitations 4; conferences 2; clinics 6; clinical section work 13 hours.

The provisional order of instruction for the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION—1903-1904

FIRST YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	9 to 11:30 Histological Laboratory.	Recitation in Physiology.	Recitation in Mat. Medica.			9:00 to 11:30 Histological Laboratory.
10		Chemical Laboratory.	Physiological Demonstration.	Chemical Laboratory.	Physiological Demonstration.	
11			Materia Medica.			
12	Anatomy.	Materia Medica.	Anatomy	Materia Medica.	Anatomy.	
3	Inorganic Chemistry.	Inorganic Chemistry.	Osteology and Dissection.	Inorganic Chemistry.	Inorganic Chemistry.	
4	Physiology.	Osteology and Dissection.		Recitation in Mat. Medica.	Osteology and Dissection.	
5			Recitation in Histology.	Physiology.		

Final Examinations in Inorganic Chemistry, Histology, Materia Medica and in the Physiology, and Anatomy of the year.

SECOND YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Dissection.	Minor Surgery.	9 to 11:30 Bacteriology and Pathology.	9 to 11:30 Bacteriology and Pathology.	9 to 11:30 Bacteriology and Pathology.	Organic Chemistry.
10		Recitation in Physiology.				Recitation Organ. Chem.
11	Therapeutics.	Hygiene.				Surgical Clinic at Albany Hospital.
12	Recitation in Theory and Practice.	Theory and Practice.	Organic Chemistry.	Theory and Practice.	Recitation in Therapeutics.	
3	Pathological Anatomy.	Anatomy.	Demonstration of Anatomy of Nerv. System.	Anatomy.	Recitation in Anatomy.	
4	Physiology.	Bandaging and Dissection.	Dissection	Anatomy of the Nervous System.	Dissection.	
5	Organic Chemistry	Recitation in Anatomy.		Physiology.		

Final Examinations in Organic Chemistry, Anatomy (including that of the Nervous System), Bacteriology and Pathology, Physiology, and in the Therapeutics, and Theory and Practice of the year.

Order of Instruction—*Continued*

THIRD YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology.	9 to 11:30 Surgical Pathology.	8:45 to 9:45 Surgery.	Surgery.	Surgery	Recitation in Obstetrics.
10	Theory and Practice.		Medical Clinic. St. Peter's Hospital.	Recitation Theory and Practice.	Theory and Practice.	Med. Clinic Alb. Hospital
11	Therapeutics.		Surgical Clinic St. Peter's Hospital.	Electro-Therapeutics. Hist. of Med.	Operative Surgery.	Surgical Clinic Alb. Hospital.
12	Surgery.	Theory and Practice.		Theory and Practice.	Therapeutics	
3	Recitation Surgery.	Recitation in Theory and Practice.	Frac. and Dislocations and X Rays.	Recitation in Obstetrics.	2 to 4:30 Clinical Microscopy.	
4	Phys. Diag. Sec. A. Rec. Therapeut. Sec. B.	Phys. Diag. Sec. B. Rec. Therapeut. Sec. A.	Medical Conference.	Recitation in Surgery.		
5	Ophthalmol. Sec. B.	Ophthalmol. Sec. A.	Recit. Neurol. and Pediat. in Sections.	Pediatrics.	Neurological Clinic.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy and Physical Diagnosis) and in the Surgery, Obstetrics and Theory and Practice of the year.

FOURTH YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY	FRIDAY.	SATURDAY.
9	Neurology.	Orthopedic Surgery.	8:45 to 9:45 Surgery.	Gastro-enteric Diseases.	Surgery.	Surgical Conference.
10	Theory and Practice.	Obstetrics.	Medical Clinic St. Peter's Hospital	Gynecology.	Theory and Practice.	Medical Clinic, Alb. Hospital.
11	Clinical Work Class Divided into Sections.	Clinical Work, Class Divided into Sections.	Surgical Clinic St. Peter's Hospital.	Clinical Work Class Divided into Sections.	Clinical Work, Class Divided into Sections.	Surgical Clinic, Alb. Hospital.
12			Gen-Urin. & Skin St. Peter's. In Sections.			
3			Recitation in Theory and Practice.			
4			Medical Conference.			
5	Recitation in Obstetrics.	Recitation in Surgery.	Recitation in Specialties.	Medical Jurisprudence.	Neurological Clinic.	

Final Examinations in Theory and Practice, Surgery, Obstetrics and in Specialties.

CLINICAL COURSES, 1903-4

(The class divided into four sections.)

SECTION A

Hour	Date.	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 28 to November 11.	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 12 to January 9.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital
	January 11 to February 20.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital
	February 22 to April 6.	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital
2:30 or 3 to 4:30	September 28 to November 11.	Insanity & Electric. Dr. Mosher Albany Hospital.	Pediatrics (Medical) Dr. Shaw St. Margaret's House	Medicine Dr. Shaw St. Peter's Hospital.	Medicine Dr. Shaw St. Peter's Hospital
	November 12 to January 9.	Pediatrics (Surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital,	Medicine. Dr. Mosher Alb. Orph. Asylum.	Therapeutics Dr. Van Rensselaer Alb., St. P. & C. H.
	January 11 to February 20.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital
	February 22 to April 6.	Insanity & Electric. Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr. Elting Albany Hospital

SECTION B

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 28 to November 11.	Ophthalmology Dr. Merrill Albany Hospital	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.
	November 12 to January 9.	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 11 to February 20.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.	Laryn & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	February 22 to April 6.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 28 to November 11.	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House	Surgery Dr. Elting Albany Hospital.	Surgery Dr. Elting Albany Hospital
	November 12 to January 9	Insanity & Elect'ity Dr. Mosher Albany Hospital,	Pediatrics (medical) Dr. Shaw St. Margar. House.	Medicine Dr. Shaw St. Peter's Hospital	Medicine Dr. Shaw St. Peter's Hospital.
	January 11 to February 20.	Pediatrics (surgical) Dr. Elting Child's Hospital	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orp. Asylum.	Therapeutics Dr. Van Rensselaer Alb. St. Pet. & Childs
	February 22 to April 6	Pediatrics & Obstet. Drs. Shaw & Lipes. St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

Clinical Courses—*Continued*

SECTION C

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 28 to November 11	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Otology Dr. Bendell Albany Hospital	Laryn. & Rhin Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 12 to January 9	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	January 11 to February 20	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp's'ry
	February 22 to April 6	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital
2:30 or 3 to 4:30	September 28 to November 11	Pediatrics & Obstet. Drs. Shaw & Lipes St.Marg.& Alb.Hos.	Surgery Dr. Morrow Child's Hospital,	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital.
	November 12 to January 9	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr. Elting Albany Hospital
	January 11 to February 20	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Medicine Dr. Shaw St. Peter's Hospital.	Medicine Dr. Shaw St. Peter's Hospital.
	February 22 to April 6	Pediatrics (surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orph. Asylum.	Therapeutics Dr. VanRensselaer. Alb. S.Pet. Ch. Hos.

SECTION D

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 28 to November 11	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital
	November 12 to January 9	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Root Albany Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 11 to February 20	Ophthalmology Dr. Merrill Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	February 22 to April 6	Ophthalmology Dr. Merrill Albany Hospital	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp'sry.
2:30 or 3 to 4:30	September 28 to November 11.	Pediatrics (surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orphan Asy.	Therapeutics Dr. VanRensselaer. Alb.,St.Pet.,Ch.Hos
	November 12 to January	Pediatrics & Obstet. Drs. Shaw & Lipes St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital,
	January 11 to February 20	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr. Elting Albany Hospital
	February 22 to April 6	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Medicine Dr. Shaw St. Peter's Hospital.	Medicine Dr. Shaw St. Peter's Hospital.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN AND VAN RENSSELAER, AND DRS. MACFARLANE, ROOT, NEUMAN AND MOSHER

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens, to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have examined at their homes and their reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Dr. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's or the Child's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year, during the whole of which year Prof. Gordinier gives one lecture, with demonstrations, each week on the anatomy of the nervous system and in addition one and one-half hours each week are devoted to practical work in studying with the microscope and projection lantern, gross and microscopic specimens of the normal and pathological histology of the nervous system, each student making drawings of the specimens and obtaining a collection of slides of typical sections. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one

didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Dr. Mosher in mental disorders in the wards of Pavillion F, recently opened at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the school year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Dr. Root in such manner that the student is familiarized with the diseases of these parts, and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class, divided into sections, are taught the principles of physical diagnosis in the examination of the body both in health and disease under Dr. MacFarlane.

Clinical Microscopy. The third year class, in sections, have practical laboratory work in microscopy, including the examination of the urine, blood, sputum, pus, and cultures from cases of true and false diphtheria for clinical diagnosis.

Surgery

Profs. Vander Veer, Hailes, Merrill, Morrow, and Macdonald, and Drs. Bendell, Richardson and Elting

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal,

and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon the cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of diagrams and specimens. The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases. Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical

instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Obstetrics, Gynecology and Diseases of Children

Prof. Boyd and Drs. Lochner, Lipes and Shaw

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital. Members of the senior class are required each to attend a certain number of cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick Poor. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the Lathrop Memorial and the dispensary of the Albany Hospital.

Chemistry

Prof. Tucker and Mr. Bradley

The course in this department includes lectures upon the principles of chemistry with its nomenclature and notation; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopœial compounds receive especial attention, their official names and various synonyms being fully stated and their common adulterations described. Considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

Profs. Craig and Gordinier

The course in anatomy consists of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations from the museum. The course extends through the first and second years. Students are required to take a practical course during the first year on those systems which are lectured upon during that year and to dissect during the second

year under the demonstrator of anatomy and assistants. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the didactic lectures, and regional anatomy given prominent consideration in the dissecting-room work. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology and pathological anatomy are taught by practical laboratory work as elsewhere described. An electrical projection apparatus affords facilities for screen demonstrations in normal and pathological histology.

Materia Medica and Therapeutics

Prof. Van Rensselaer and Dr. Dawes

The lectures on materia medica are illustrated by the exhibition of official plants, prints and specimens of various official compounds and preparations. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is continued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electro-therapeutics. Recitations are held weekly.

Physiology

Prof. Gordinier

Didactic and experimental lectures upon this subject are given to the first and second year classes. These lectures are profusely illustrated by the aid of a projection outfit and lantern slides, portable microscopes and diagrams, and much attention is devoted to the more modern physiology of the nervous system, circulation, digestion, absorption, secretion, and the recent methods of blood examination. Recitations are held each week.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, operative obstetrics, electro-therapeutics and medical technique.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished and conveniently arranged, each student having a desk and reagents for his own use, and being supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups and the examination of unknown substances. The more important toxicological and urinary tests are performed and all chemical reactions are written upon the blackboard, discussed by the class, and entered upon their notes.

Histology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender, of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects.

In histology the work consists of explanatory talks bearing on the subject of the day's study, followed by microscopic study of sections, each student being required to make drawings of his sections. The different tissues and organs of the body are taken up systematically in this way.

In bacteriology the work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar wth the underlying principles of bacteriology and their application to clinical medicine and surgery.

In pathology the work consists in a short lecture on the subject under discussion for the day followed by practical exercises in the form of mounting, staining, and examining sections. Students are obliged to make drawings of their sections. Besides this the students are instructed in the technique of making autopsies, and material from autopsies and surgical operations is demonstrated to them as available.

In clinical microscopy the course consists in a preliminary talk each session, followed by practical work in the examination of blood, urine, sputum, fæces, etc.

A limited number of students who have shown proper aptitude will be allowed to work along more advanced lines during the summer months.

For the Alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with the director.

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable in advance, are not returnable, and are as follows:

First Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Chemical Laboratory	10 00	
Histological Laboratory	10 00	
Dissection (including material)	5 00	
		$130 00

Second Year

Matriculation	$ 5 00	
Dissection (including material)	10 00	
Lecture Course	100 00	
Bacteriological and Pathological Laboratory	15 00	
		$130 00

Third Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Clinical Microscopy Laboratory	5 00	
		$110 00

Fourth Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Final Examination	25 00	
		$130 00

The payment of three hundred dollars in advance entitles to attendance upon four courses of lectures, exclusive of laboratory and other special fees above stated, and effects a saving of one hundred dollars on the cost of the four year course. The final examination fee must be paid before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates.

BOOKS RECOMMENDED

For Text Books	Books Recommended for Reference
Anatomy—Gray, Holden	Morris, Gerrish, Sharpey and Quain, Treves.
Anatomy Nervous System—Gordinier	
Histology—Stöhr	Boehm, von Davidoff and Huber.
Pathology—Delafield and Prudden	Ziegler, Thoma, Hamilton.
Bacteriology—Abbott	Muir and Ritchie, Park, Flügge.
Physiology—Kirke	Landois, Dalton, Yeo, Foster, Huxley.
Materia Medica—Potter	U. S. Dispensatory.
Therapeutics—Hare	Foster.
Electro-Therap. and Diagnosis—Turner, Mosher	Hedley.
Throat and Nose—Bishop	Bosworth, Kyle, Shurly.
Inorganic Chemistry—Bartley	Simon, Sadtler and Coblentz, Witthaus.
Analytical Chemistry—Laboratory Notes	Bartley Clin. Chem., Rockwood.
Organic Chemistry—Bartley	Sadtler and Coblentz, Richter.
Physiol. Chemistry—Bartley	Hammarsten, C. E. Simon, Novy.
Med. Jurisprud. and Toxicol.—Reese	Hamilton, Wormley, Herold.
Chemistry of Urine—Tyson	Purdy, Bartley Clin. Chem.
Theory and Practice—Anders	Osler, Thompson, Tyson, Wood and Fitz.
Gastro-Enteric Diseases—Hemmeter	
Phys. Diag.—Musser, MacFarlane	
Hygiene—Coplin and Leffmann	Wilson, Harrington.
Insanity—Chapin	Berkley, Tuke's Dict., Clouston.
Dermatology—Jackson	Hyde, Duhring, Taylor, Van Harlingen.
Neurology—Hun's Syllabus	Gowers, Church and Peterson, Jakob's Atlas.
History of Medicine—Park	Baas.
Fract. and Dislocations—Stimson	Hamilton. [Text Book Surgery, Da Costa.
Princ. and Prac. Surg.—Park's Am. Auth.	Inter. Text Book, Wharton and Curtis, Am.
Surgical Pathology—Warren	Billroth-Winiwarter, Senn.
Operative Surgery—Bryant	Kocher, Stimson, Smith, Herrick R. R. Surg.
Aseptic Treatment Wounds—Beck	Thornbury.
Syphilis and Gen. Urin. Dis's.—White & Martin	Keyes, Morrow.
Surgical Diagnosis—Albert	MacDonald Sur. Diag. & Treatment, Ranney.
Orthopedic Surgery—Bradford & Lovett.	Young.
Ophthalmology—Swanzy	Henderson, DeSchweinitz, Fuchs, Noyes.
Otology—Bacon	Dench, Roosa, Politzer.
Obstetrics—Jewett	Williams, Hirst, Am. Text Book Obst. [rose.
Gynecology Dudley	Am. Text Book Gynecol., Kelly, Reed, Pen-
Diseases of Children—Holt	Rotch, Koplick, Keating.

PRIZES AND HOSPITAL APPOINTMENTS

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M. D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professors Vander Veer and Macdonald offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best report of the eye and ear clinics.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M. D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examinations in obstetrics.

Professor Bigelow offers a prize for the best dry preparation of the pharynx, larynx, trachea and œsophagus.

To the senior student passing the best final examination, the family of the late Dr. T. W. Nellis (A. M. C., '81), of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C., '82), of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the third year student passing the best final examination.

A. B. Huested, M. D. (A. M. C., '63), & Co., of Albany, offer a prize consisting of Gross' complete aseptic pocket case of instruments to the first year student passing the best final examination.

The Daggett trust. Pursuant to the provisions of a bequest by the late Dr. Nathan G. Daggett, of Schenectady, N. Y., an alumnus of the college of the class of '67, the following prizes are announced for the ensuing year:

1. For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are recommended for 1904:

1. A right and left temporal bone, each sectioned to show the structure of the middle and internal ear.
2. A sphenoid, an ethmoid and a palate bone.
3. Bones of the right and left hands and feet articulated on catgut.
4. Diagrammatic drawings in colors on cardboard, about 24" x 30", showing each of the plexuses of the spinal nerves.
5. A mounted skeleton of a fox terrier dog.
6. A corrosion specimen of the lungs of a sheep showing the arteries, veins and bronchi.

Preparations must be deposited with the Professor of Anatomy by April 1, 1904. All specimens submitted in competition for these prizes are to be the property of the college whether awarded prizes or not.

2. For the best "deportment irrespective of scholarship," as determined by the faculty, a first prize of sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the senior class.

Further announcements concerning the Daggett prizes are made each year early in the session.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 38, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 36-38).

He must have attended not less than four regular courses of lectures, unless as stated at page 9, of which the last shall have been at this college. Students who have attended one or more courses of lectures at other recognized medical colleges, who may desire to be admitted to advanced standing in this college, will be credited with the work they may have done and with examinations they may have passed, other than those of the senior year, if satisfactory evidence of such attendance and of the passing of such examinations is presented.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass a satisfactory final examination in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar,*

July 1, 1903. Albany, N. Y.

EXAMINATION DEPARTMENTS

First Year

1. Inorganic chemistry—Dr. Tucker and Mr. Bradley.
2. Anatomy and histology—Drs. Craig and Blumer.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology—Dr. Gordinier.

Second Year

1. Organic chemistry (including toxicology)—Dr. Tucker.
2. Anatomy (including nervous system)—Drs. Craig and Gordinier.
3. Bacteriology and pathological anatomy (including laboratory work)—Drs. Hailes and Blumer.
4. Therapeutics and practice (including hygiene)—Drs. Van Rensselaer and Ward.
5. Physiology—Dr. Gordinier.

Third Year

1. Therapeutics (including electro-therapeutics) — Dr. Van Rensselaer.
2. Theory and practice—Drs. Van Rensselaer and Ward.
3. Surgery (including pathology, operative, and fractures and dislocations)—Drs. Vander Veer, Hailes, Morrow and Macdonald.
4. Obstetrics and pediatrics—Drs. Boyd and Lipes.
5. Neurology and diagnosis (including clinical microscopy and physical diagnosis)—Drs. Hun, Blumer and MacFarlane.

Fourth Year

1. Theory and practice—Dr. Ward.
2. Surgery (including orthopedic)—Drs. Vander Veer, Morrow and Macdonald.
3. Obstetrics and gynecology—Dr. Boyd.
4. Neurology, medical jurisprudence and insanity—Drs. Hun, MacFarlane and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis and Root.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in three departments of the first year, or more than three departments of the second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the studies (not departments) in which he has failed. In case he fails in this examination in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. In this connection a department means all that constitutes one separate examination and may include one or more studies or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October and students failing in this examination in only one department may be re-examined in it at the following mid-winter examinations, and failing in this may take the examination in the following spring.

STUDENTS, 1902–1903

Fourth Year

NAME	RESIDENCE	PRECEPTOR
Samuel Halcomb Behrend Basch	Kingston	Drs. Wm. Hailes and S. R. Morrow
Frederick Ernest Bolt	Masonville	Drs. A. Vander Veer and W. G. Tucker
Donald Boyd, A. B.	Fonda	Drs. F. I. Jansen and J. P. Boyd
J. Howard Branan	Albany	Dr. W. O. Stillman
John Edward Canfield	Johnstown	Dr. E. C. Podvin
Henry Milligan Chandler	South Orange, N. J.	Dr. W. J. Chandler
Sylvester Cornell Clemans	Gloversville	Drs. Drury, Hagedorn and MacFarlane
Russell Clute	Amsterdam	Dr. H. M. Hicks
Herbert Thomas Crough	Canajoharie	Dr. S. A. Wessels
Archie Irving Cullen	Watervliet	Drs. M. J. Zeh and H. C. Gordinier
William Sebastian De La Hoyde	Brooklyn	Dr. J. R. Quinn
Archibald John Douglas	Southampton, Mass.	Drs. Cobb, Shaw and MacFarlane
Louis Le Bell Dulberger	New York City	Dr. Thebelson
Edwin Maurice Griffith	Steuben	Drs. Hunt, Egert and Lewi
Conrad Rowland Hoffman	Selkirk	Dr. W. G. MacDonald
R. Burdett Hoyt	Deposit	Drs. W. G. MacDonald and W. S. Hale
Frank Keator	Accord	Drs. Keator, Dawes and Laird
Frederick John MacDonald	Watervliet	Dr. G. S. Haswell
Charles Richard Marsh	Oneonta	Drs. A. W. Cutler and C. H. Richardson
Frank Clay Maxon, Jr.	Chatham	Drs. F. C. Maxon and W. G. MacDonald
Miles Ambrose McGrane	Watervliet	Drs. J. C. Shiland and L. F. Adt
John Crapo Merchant, A. B.	Nassau	Drs. J. C. O'Haire and A. Vander Veer
Addison Robert Miller	Rensselaer	Dr. E. H. Humphrey
William Leo Mulcahy	Albany	Dr. O. D. Ball
Thomas Stephen Augustine O'Connor	Troy	Dr. J. H. Lyons
Mark M. O'Meara	Plattsburg	Drs. C. W. Arthur and A. Vander Veer
Virgil Dural Selleck	Glens Falls	Drs. J. S. White and A. Vander Veer
Millard Francis Shafer	Cobleskill	Drs. F. P. Beard and W. G. MacDonald
Edwin Forrest Sibley	Bennington, Vt.	Drs. H. J. Potter, Jr., & W. G. MacDonald
Frank Templeton Smith	Troy	Dr. E. D. Ferguson
George Henry Humphrey Smith	Little Falls	Drs. S. A. Ingham and S. R. Morrow
James Newell Vander Veer, B. A.	Albany	Drs. A. Vander Veer and W. G. MacDonald
Isaac Ernest Van Hoesen	Coxsackie	Drs. Beach, Vander Veer and Lipes
Philip Wolfman	New York City	Dr. Isidor Zippert

Third Year

James Marmaduke Boddy, A. M.	Troy	Dr. Lansing Van Auken
Palmer Romaine Bowdish	Cornwall-on-Hudson	Drs. Coons, Meding and Ball
George Lay Branch	East Springfield	Drs. J. V. Hennessy & W. G. MacDonald
Charles William Chapin	Unadilla Centre	Drs. A. J. Butler and L. H. Neuman
Guy Forsythe Cleghorn	Green Island	Dr. G. B. Grady
Chester Thompson Cobb	Easthampton, Mass.	Drs. O. W. Cobb and A. C. Cobb
Thomas Folwell Cole	Romulus	Dr. J. Denniston
John Isaac Cotter	Poughkkeepsie	Drs. J. H. Cotter and A. Vander Veer
Marcus Albert Curry	Voorheesville	Drs. W. F. Shaw and F. M. Joslin
Arthur Thomas Davis	Utica	Dr. E. D. Fuller
Bransen Keemper De Voe	Albany	Drs. T. O. Keator and W. S. Hale
Malcolm Douglas, A. B.	Albany	Dr. A. Vander Veer

NAME	RESIDENCE	PRECEPTOR
Thomas Joseph Dowd	Cohoes	Dr. John Archibold
Silas Lorenzo Filkins	Albany	Drs. S. R. Morrow and W. O. Stillman
Leland Delos Fosbury, A. B.	Sidney	Dr. G. A. McKinnon
Joseph Nicholas Bennett Garlick	Albany	Drs. G. T. Moston and C. H. Richardson
William Entwistle Garlick	Fall River, Mass.	Drs. Moston, MacDonald & Richardson
Everal Caleb Haviland	Wolcott	Dr. J. V. Hennessy
Harold Eliphalet Hoyt, A. B.	Cambridge	Dr. A. H. Traver
George John Jennings	Ballston Spa	Dr. F. W. St. John
William George Keens	Albany	Dr. N. L. Eastman
Arthur Charles Kline	Port Leyden	Drs. W. H. Johnston and C. H. Richardson
George Spencer Lape	Mechanicville	Dr. William Van Doren
Harry Lovejoy Loop	Cohoes	Drs. J. U. Haynes and C. S. Prest
Dennis Alphonsus Murphy	Gloversville	Drs. A. C. Hagedorn and A. MacFarlane
Robert Joseph O'Brien, Jr., B. S.	Watervliet	Dr. G. B. Grady
Daniel Vincent O'Leary, Jr.	Albany	Drs. D. V. O'Leary and A. Vander Veer
Joseph Day Olin, B. A.	Watertown	Dr. H. L. K. Shaw
John Hendry Reid	Troy	Drs. C. B. Herrick and H. H. Gormly
Burt Luverne Shaw, Ph. G.	Troy	Dr. Edgar Zeh
Benjamin John Singleton	Glens Falls	Dr. D. J. Fitzgerald
Edward Augustine Stapleton	Hoosick Falls	Dr. W. G. Tucker
Arthur Wesley Thomas	Middle Granville	Drs. A. J. Thomas and T. W. Jenkins
Chester Erastus Hidley Tracy	Troy	Drs. Coburn, Fallon and Vander Veer
Richard Henry Van Denburg	Albany	Drs. W. G. MacDonald and W. S. Hale
Frank Barton Wheeler	Troy	Dr. H. C. Gordinier
Frank Edward White	Union	Dr. W. S. Hale
George David Wilde	Cranesville	Dr. Archibald Gilbert
Guy Vail Wilson	Masonville	Drs. C. S. Butler, Tucker and Ward
Trevor Crandall Yates	New Lisbon	Dr. W. W. Hall

Second Year

Kenneth Daniel Blackfan	Cambridge	Drs. H. S. Blackfan and C. B. Herrick
Homer Andrew Bushnell	North Adams, Mass.	Dr. H. Bushnell
Archie Bert Chappelle	Kingston	Dr. G. H. Van Gaasbeck
Arthur Preston Clark	Albany	Drs. E. J. Rulison and A. Vander Veer
Kenn Romeo Coffin	Cooperstown	Dr. B. W. Dewar
Miles Jacob Cornthwaite	Troy	Drs. D. W. Houston and H. E. DeFreest
John Henry Famian Coughlin	Troy	Drs. James Love and E. A. Vander Veer
Walter Allen Cowell, A. B.	Albany	Drs. T. K. Perry and A. Vander Veer
John Dixon Crane	Hawley, Pa.	Dr. T. S. Parker
Charles Augustus Croissant	Albany	Dr. E. G. Cox
Orrel Charles Curtis	South Egremont, Mass.	Dr. C. S. Chapin
**Richard Edward Delaney	Cape Breton, Nova Scotia	Dr. Patrick Coady
Theodore David Dockstader	Sharon Center	Dr. H. D. Odell
Patrick John Donahoe	Albany	Dr. J. H. Maguire
William Mulvihill Dwyer	Amsterdam	Dr. H. M. Hicks
John Peter Faber	Amesville	Dr. J. J. Glover
Fred Edward Gremore Flanagan	St. Regis Falls	Drs. D. Moody and W. A. Wardner
Thomas Joseph Flynn	Johnstown	Dr. E. C. Podvin
Perlia Elijah Garlock	Sprakers	Dr. A. V. Klock
William Joseph Garvey	Troy	Drs. J. M. Donnelly and M. S. Leavy
Charles William Louis Hacker	Albany	Dr. C. G. Hacker
Charles Elbert Haynes	Masonville	Dr. J. W. Blakely
Walter Ennis Hays, A. B.	Albany	Drs. Moston, Hailes and Vander Veer
Chester Alan Arthur Hemstreet	Waterford	Drs. Edgar Zeh and F. M. Sulzman

**Part of course.

NAME	RESIDENCE	PRECEPTOR
Thurman Alson Hull	Williamstown, Mass.	Drs. J. B. Hull and J. F. Rooney
Lemuel Rankins Hurlbut	Troy	Dr. R. F. Benson
Frank James Hurley	Bennington, Vt	Dr. J. A. Stevenson
Matthew Joseph Keough	Cohoes	Dr. J. H. Mitchell
Oscar Franklin Larson	Poultney, Vt	Drs. N. H. Crosby and E. D. Ellis
James Edward Maloney	Albany	Drs. M. S. Leavy and E. A. Vander Veer
Francis Joseph Noonan	Troy	Drs. C. E. Nichols and C. F. Kivlin
George Washington Papen, Jr.	Albany	Drs. G. W. Papen and C. H. Richardson
Herbert Bowen Reece	Troy	Drs. D. W. Houston and S. R. Morrow
William Garfield Rommel	Troy	Dr. J. P. Marsh
Henry Stanton Rowe, Jr., A. B.	Cohoes	Drs. C. E. Carruth and A. Vander Veer
Harry Rulison	Albany	Dr. A. H. Traver
Frank George Schaible.	Albany	Drs. S. R. Morrow and W. G. Tucker
John Ralph Schermerhorn	Randall	Dr. A. H. Traver
Frederick Foster Schirck	Saratoga Springs	Dr. B. J. Murray
Arthur Hamilton Schuyler	Fonda	Drs. F. I. Jansen and A. Vander Veer
Francis Joseph Scott	Cohoes	Drs. C. E. Witbeck and J. L. Archambault
Hamilton Munn Southworth	New Lebanon	Drs. J. B. Southworth and T. A. Ryan
Charles William Stratton	Lee, Mass	Dr. H. M. Smith
Charles Clark Sweet	Petersburg	Drs. H. C. Gordinier and J. F. Rooney
James Harvey Van Buren	Jefferson	Dr. R. Hubbell
Edward Hellis Vines	Albany	Dr. W. G. Tucker
George Walrath	St. Johnsville	Dr. Adam Walrath
Alfred Le Roy Warner	Troy	Drs. H. E. DeFreest and B. J. Ward
Roscoe Conkling Waterbury	Nassau	Dr. E. E. Reichard
James Watson White	Wappingers Falls	Drs. Howell White and J. M. Moore
Edwin Barnes Wilson, A. B.	Hudson	Drs. Thomas Wilson, Vander Veer & MacDonald

First Year

Henry Francis Albrecht	Troy	Dr. W. W. Seymour
Fred Nicholas Bibby	Pottersville	Drs. E. Bibby and W. G. Tucker
*William Arthur Bing	Castleton	Dr. C. H. Richardson
John Breen	Wevertown	Dr. Lee Somerville
Roy Munro Collie	Johnstown	Dr. E. C. Podvin
Morey Charles Collier	Savona	Dr. H. S. Gillette
Charles Elisha Collins, Ph. G.	Troy	Dr. J. B. Harvie
Frederic Charles Conway	Albany	Drs. J. M. Moore and S. B. Ward
Adelbert Stephen Dederick	Cohoes	Drs. E. W. Becker and W. E. Lothridge
Theobald Frederick Doescher	Albany	Dr. A. H. Traver
Le Roy Dunbar	Gloversville	Dr. A. C. Hagedorn
Willis Woodford Dutcher	Albany	Dr. G. E. Lochner
Vernon R. Ehle	Gloversville	Dr. W. C. Wood
Hermon Ernest Gak	Fairmont	Dr. J. W. Knapp
George Reinhold Goering	Utica	Dr. E. D. Fuller
Stowell Boroughs Grant	Afton	Drs. C. S. Butler and C. G. Hacker
Percival William Harrig	Albany	Dr. C. H. Richardson
Joseph Friend Harris	Albany	Drs. Lomax, Hailes and MacFarlane
Clinton Benjamin Hawn	Albany	Dr. F. R. Green
James Edward Hourigan	Schenectady	Drs. M. G. Planck and C. G. McMullen
*Edward William Jackson	Little Falls	Dr. G. S. Eveleth
Samuel Orestes Kemp	Albany	Dr. G. T. Moston
Winfield Snell Kilts	Fort Plain	Drs. G. L. Meyer and F. V. Brownell
William Andrew Krieger	Poughkeepsie	Dr. W. S. Ackert
Price Lewis	Holland Patent	Dr. L. D. Hews

*Matriculant only.

NAME	RESIDENCE	PRECEPTOR
John Sears McCormack	Albany	Dr. Wm. Hailes
Floyd Dempster Michael	Lassellsville	Dr. C. M. Klock
David Cushing Nolan	Albany	Dr. J. M. Bigelow
Zenas Van Duzen Orton	Northampton	Dr. D. S. Orton
Irving Deyo Pell	Hudson	Drs. C. E. Fritts and Thomas Wilson
Charles Albert Prescott	North Creek	Dr. James L. Fuller
*Stephen John Henry Reed	Schenectady	Dr. P. T. Markey
Walter Ancel Reynolds	Coeymans	Drs. A. F. Cowell and M. S. Reid
Willis Nelson Simons	Canajoharie	Dr. F. E. Simons
Reuben Warren Van Dyke	Westport	Albany Medical College
Lemon Dwight Washburn	Fort Ann	Drs. S. A. Rowe and A. H. Traver
Edward Gove Whipple	Malone	Drs. R. Belding and H. E. Lomax
**William Abner Woodruff	Troy	Albany Medical College
**Willis Evan Worthing	Fairport	Albany Medical College
Herbert John Wright	Rhinebeck	Drs. C. S. Van Etten and M. M. Lown

*Matriculant only.
**Part of course.

Summary

Fourth Year Class	34
Third Year Class	40
Second Year Class	51
First Year Class	40
	165

STUDENT ORGANIZATION

The College Department of the Young Men's Christian Association is a branch of the Central Association of the city having its quarters in a building directly opposite the college on the corner of Eagle and Beaver streets. It is an organization of the students from the various classes of the college for spiritual, intellectual and social helpfulness. A number of leading medical journals are on file and a place is afforded for reading purposes, especially arranged for the comfort of all students. Here new students will meet the members of the boarding house committee, who will be glad to help them in finding comfortable homes.

Committee of Management

Albert Vander Veer, M. D.
Henry Hun, M. D.
Henry L. K. Shaw, M. D.
Walter E. Hays
Joseph D. Olin
James W. White

GRADUATES OF 1903

Commencement Exercises Held at Odd Fellows' Hall, Wednesday, May 5, 1903

NAME.	RESIDENCE.
Samuel Halcomb Behrend Basch	Kingston, N. Y.
Frederick Ernest Bolt	Masonville, N. Y.
Donald Boyd, A. B.	Fonda, N. Y.
J. Howard Branan	Albany, N. Y.
John Edward Canfield	Johnstown, N. Y.
Henry Milligan Chandler	South Orange, N. J.
Sylvester Cornell Clemans	Gloversville, N. Y.
Russell Clute	Amsterdam, N. Y.
Herbert Thomas Crough	Canajoharie, N. Y.
Archie Irving Cullen	Watervliet, N. Y.
Archibald John Douglas	Southampton, Mass.
Louis Le Bell Dulberger	New York, N. Y.
Edwin Maurice Griffith	Steuben, N. Y.
Conrad Rowland Hoffman	Selkirk, N. Y.
R. Burdett Hoyt	Deposit, N. Y.
Frank Keator	Accord, N. Y.
Frederick John MacDonald	Watervliet, N. Y.
Charles Richard Marsh	Oneonta, N. Y.
Frank Clay Maxon, Jr	Chatham, N. Y.
Miles Ambrose McGrane	Watervliet, N. Y.
John Crapo Merchant, A. B.	Nassau, N. Y.
Addison Robert Miller	Rensselaer, N. Y.
William Leo Mulcahy	Albany, N. Y.
Thomas Stephen Augustine O'Connor	Troy, N. Y.
Mark M. O'Meara	Plattsburg, N. Y.
Virgil Dural Selleck	Glens Falls, N. Y.
Millard Francis Shafer	Cobleskill, N. Y.
Edwin Forrest Sibley	Bennington, Vt.
Frank Templeton Smith	Troy, N. Y.
George Henry Humphrey Smith	Little Falls, N. Y.
James Newell Vander Veer, A. B.	Albany, N. Y.
Isaac Ernest Van Hoesen	Coxsackie, N. Y.
Philip Wolfman	New York, N. Y.

PRIZES AND HOSPITAL APPOINTMENTS

1903

Vander Poel prize, for best bedside examination in general medicine, to Dr. Archibald J. Douglas.

Vander Veer-Macdonald prize, for best report of surgical clinics, to Dr. Miles A. McGrane.

Hailes-Morrow prize for second best report, to Dr. Sylvester C. Clemans.

Merrill prize, for best report of eye and ear clinics, to Dr. Sylvester C. Clemans.

Townsend prize, for best examination in physiology at end of first year of study, to Mr. Morey C. Collier.

Boyd prize, for best final examination in obstetrics, to Dr. Frank Keator,

Bigelow prizes for the best dry preparations of the pharynx, larynx and œsophagus, first, to Dr. R. Burdett Hoyt; second, to Dr. Conrad R. Hoffman.

Nellis prize, for best final senior examination, to Dr. J. Howard Branan.

Powell prize, for best final third year examination, to Mr. Joseph N. B. Garlick.

Huested prize, for best final first year examination, to Mr. Theobald F. Doescher.

Blumer prize for best work in pathological laboratory for year, to Mr. Harry Rulison.

Daggett trust prizes, for best anatomical preparations, first, to Dr. R. Burdett Hoyt; second, to Dr. Millard F. Shafer.

Daggett trust prizes, for best deportment, first to Dr. Russell Clute; second to Dr. John C. Merchant.

Appointed Essayist for 1904, Mr. Joseph N. B. Garlick; Alternate, Mr. Arthur W. Thomas.

Albany Hospital Appointments.—Drs. Archibald J. Douglas, Frank Keator, Donald Boyd, Conrad R. Hoffman, James N. Vander Veer, Isaac E. Van Hoesen, Edwin F. Sibley.

Ellis Hospital, Schenectady.—Drs. R. Burdett Hoyt and John C. Merchant.

Faxton Hospital, Utica.—Dr. Edwin M. Griffith.

MEDICAL STUDENT EXAMINATIONS

FROM LAWS OF 1893, CH. 661, AS AMENDED IN 1895, 1896, 1901, AND 1902

To provide for the preliminary education of medical students:

The degree of bachelor or doctor of medicine shall not be conferred in this state before the candidate has filed with the institution conferring it the certificate of the regents that before beginning the first annual medical course counted toward the degree unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents medical student certificate, granted before this act took effect; or had passed regents examinations as hereinafter provided. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 12 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree. Students who had matriculated in a New York medical school before June 5, 1890, and students who matriculated in a New York medical school before May 13, 1895, as having entered before June 5, 1890, on the prescribed three years study of medicine, shall be exempt from this preliminary education requirement.

A medical student certificate may be earned without notice to the regents of the conditional matriculation either before the student begins the second annual medical course counted toward the degree or two years before the date of the degree for matriculants in any registered medical school, in the four cases following:

1. For matriculants prior to May 9, 1893, for any 20 counts, allowing 10 for the preliminaries, not including reading and writing;

2. For matriculants prior to May 13, 1895, for arithmetic. elementary English, geography, spelling, United States history, English composition and physics, or any 50 counts, allowing 14 for the preliminaries;

3. For matriculants prior to January 1, 1896, for any 12 academic counts (regents examinations only);

4. For matriculants prior to January 1, 1897, for any 24 academic counts (regents examinations only).

But all matriculants, after January 1, 1897, must secure 48 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally, as hereinbefore specified, when the deficiency must be made up before the student begins the second annual medical course counted toward the degree.

Notes on the Law

1. For matriculants prior to January 1, 1897, medical schools are not required to furnish notice of conditional matriculation, and such students

may make up the full requirement at any time before beginning the second annual course counted toward the degree, or two years before the date of the degree.

All matriculates after January 1, 1897, must secure 48 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 12 academic counts and must be made up before the student begins the second annual course counted toward the degree.

a. Partial equivalents may be accepted for the medical student certificates; i. e., evidence of completion in a registered school of one or more full years of high school work and regents examinations in additional subjects representing the balance of the required four-year course.

b. Regents examinations in the second or third year of any language course will be accepted as including the preceding years in those courses.

c. Candidates unable to offer certificates of the required academic work in a registered institution may present evidence to the regents that they had the required preliminary education before beginning the second annual course counted toward the degree, and may on passing regents' examinations receive their certificates as of the date when the preliminary work was completed.

2. The regents will accept as fully equivalent to the required academic course any one of the following:

(*a*) A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(*b*) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course.

(*c*) Regents' passcards for any 48 academic counts or any regents' diploma.

(*d*) A certificate of graduation from any registered school in Germany, Austria, Russia.

(*e*) Any credentials from a registered institution or from the Government in any state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

Extracts from Rules

Order of studies.—There is no restriction in the order in which studies may be taken.

Time limit.—There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credentials may be passed at different examinations.

Seventy-five per cent. of correct answers is required in all subjects.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates.

Candidates not attending schools in which regents' examinations are

held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Certificates without examinations.—Candidates having credentials which can be accepted in place of an examination, should send them to the High School department. If accepted the proper certificates will be sent.

Sample papers. —Unbound sample papers can be had for 10 cents for not exceeding ten subjects. The exact ground covered by these examinations is shown in the *Regents' academic syllabus,* which is mailed prepaid for 25 cents.

Medical student certificate.—When all requirements are fulfilled, the regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their value.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to High School Department, University of the State of New York, Albany, N. Y., and not to this college.

Dates of Regents' Examinations for the academic year 1903-1904: 1903, September 29-Oct. 1; 1904, January 25-29; March 23-25; June 13-17.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing High School Department, University of the State of New York. Albany, N. Y.

REQUIREMENTS FOR LICENSE TO PRACTICE MEDICINE IN NEW YORK STATE

All requirements for admission should be completed at least one week before examinations.—They are as follows:

1. Evidence that applicant is more than 21 years of age (Form 1).
2. Certificate of moral character from not less than two physicians in good standing (Form 1).
3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state (Medical student certificate. See examination handbook No. 3).
4. Evidence that applicant has studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of at least six months each, in four different calendar years in a medical school registered as maintaining at the time, a satisfactory standard. New York medical schools and New York medical students shall not be discriminated against by the registration of any medical school out of the state, whose minimum graduation standard is less than that fixed by statute for New York medical schools.

The increase in the required course of medical study from three to four years took effect January 1, 1898, and applies to students who matriculate after that date and receive the degree of M. D., after January 1, 1902, (Form 1).

First exemption: "The regents may in their discretion accept as the equivalent for any part of the third and fourth requirement, evidence of five or more years reputable practice of medicine, provided that such substitution be specified in the license," and as equivalent of the first year of the fourth requirement, evidence of graduation from a registered college course provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

5. Evidence that applicant "has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full right to practice medicine in some foreign country." (Form 2 or original credentials.)

6. The candidate must pass examinations in anatomy, physiology and hygiene, chemistry, surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica. The questions "shall be the same for all candidates except that in therapeutics, practice and materia medica all the questions submitted to any candidate shall be chosen from those prepared by the board selected by that candidate and shall be in harmony with the tenets of that school as determined by its state board of medical examiners."

Second exemption: "Applicants examined and licensed by other state examining boards registered by the regents as maintaining standards not lower than those provided by this article, and applicants who matriculated in a New York state medical school before June 5, 1890, and who received the degree M. D. from a registered medical school before August 1, 1895, may without further examination, on payment of $10 to the regents and on submitting such evidence as they may require, receive from them an indorsement of their licenses or diplomas, conferring all rights and privileges of a regents' license issued after examination."

7. A fee of $25 payable in advance.

8. In 1901 the medical law was amended, giving the regents power to admit conditionally to the licensing examinations in anatomy, physiology and hygiene, and chemistry, applicants certified as having studied medicine not less than two full years of at least nine months each, including two satisfactory courses of at least six months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are more than nineteen years of age, of good moral character, have the requisite preliminary education and pay the fee of $25; the final examinations in surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica, to be met after having finished the full period of study and having received the medical degree.

Notes on the Law

1. Seventy-five per cent. of correct answers is required in all subjects.
2. All subjects must be passed at the same examination.

NOTE—When a candidate for license has been rejected in but *one* topic and his total average in other six topics is at least 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

Medical Examinations

Examinations for license to practice medicine in this state will be held as follows:

DATES		PLACES
1903	1904	New York.
June 23-26	Jan. 26-29	Albany.
Sept. 29; Oct. 2	May 17-20	Syracuse.
	June 21-24	Buffalo.
		Each candidate is notified as to exact place.

Daily Program

	Morning 9:15	Afternoon 1:15
Tuesday	Anatomy	Physiology and hygiene.
Wednesday	Chemistry	Surgery.
Thursday	Obstetrics	Pathology and diagnosis.
Friday	Therapeutics	

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the capitol, State Law library, Law courts, etc.

With the term ending May 27, 1903, the school completed its fifty-second year. Since its establishment upwards of four thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL. B., is two years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 22, 1903.

For catalogues or further information, address

Albany Law School,
Albany, N. Y.

W. R. Davidson, *Secretary.*

DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. It is open to visitors on cards of admission obtainable from the director or trustees. For further information apply to

Lewis Boss, A. M., *Director.*

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

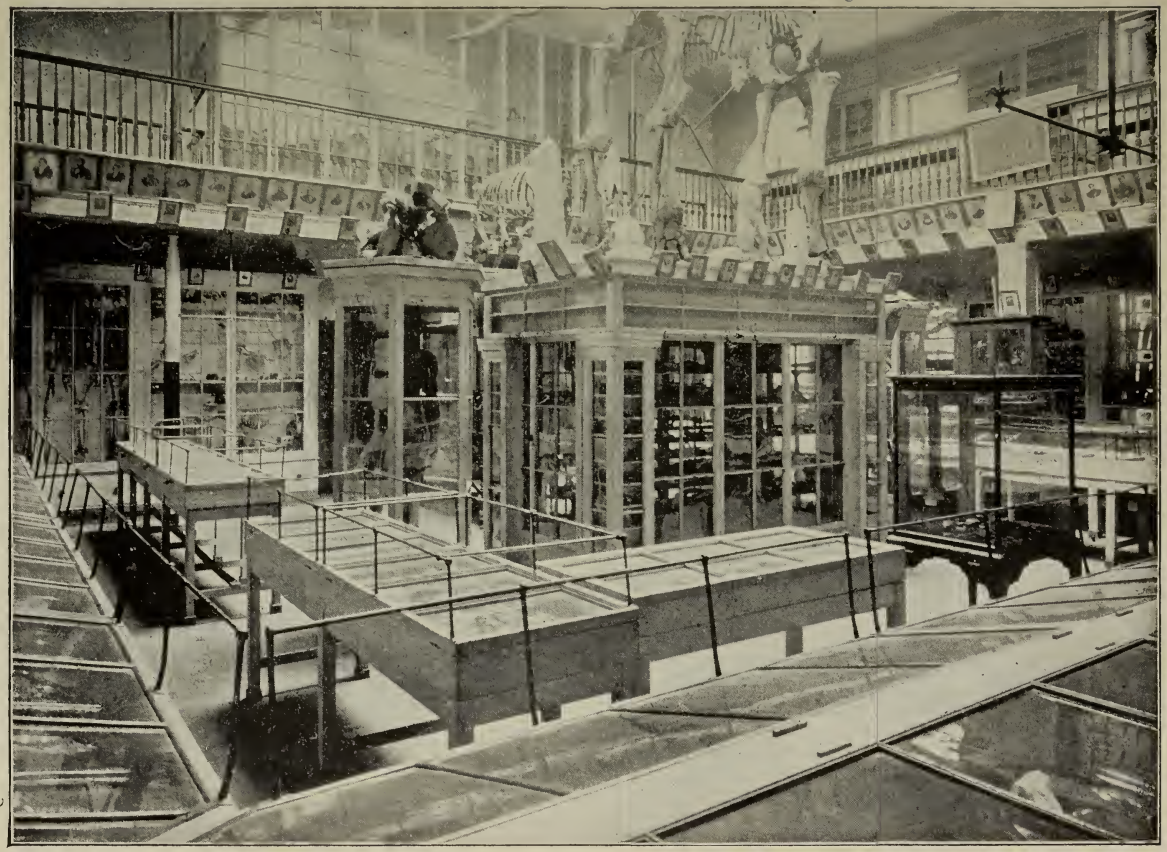
The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of graduate nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured and in midwifery under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of Nurses enter upon the regular course of study.

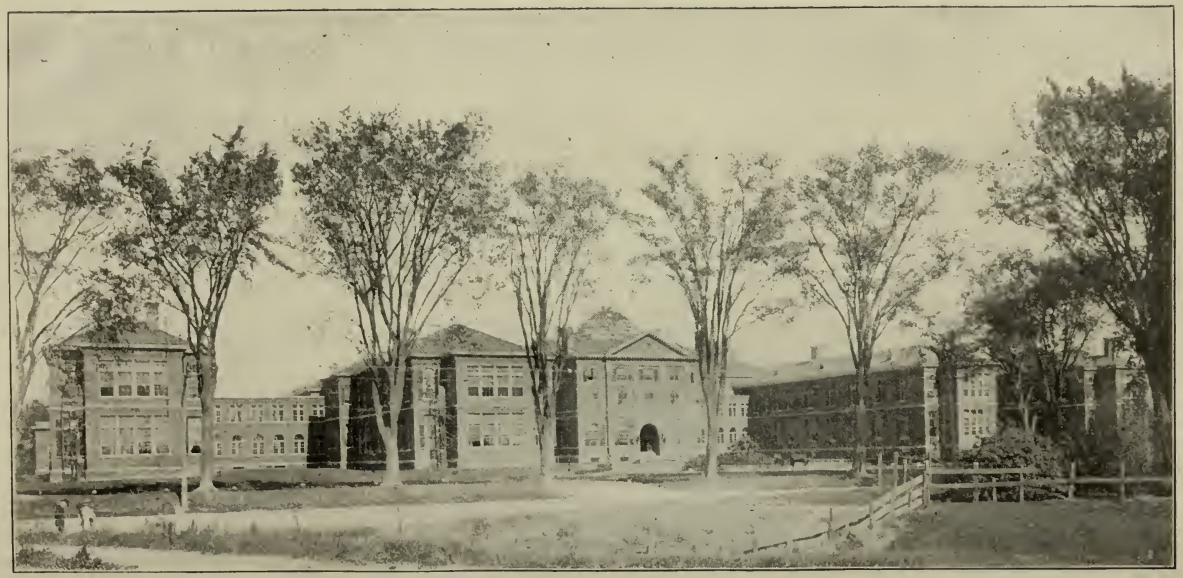
No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. An allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address

Miss EMILY MacDONNELL,
Superintendent of Nurses,
Albany Hospital, Albany, N. Y.



ANATOMICAL MUSEUM



THE ALBANY HOSPITAL
Incorporated 1849

UNION COLLEGE

The college offers to students courses leading to the degrees of A. B., B. S., Ph. B., B. E. There is a department of physical training.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismission and pass satisfactory examination.

The fee for tuition is $25 a term, payable in advance; room rent $40 to $60 a year additional, with $5 for freshman entrance, $7 for sophomore, $9 for junior, $12 for senior, unless the student comes from another college. Board costs $3 to $4 a week. Scholarships exist yielding some remission on term bill. Commencement occurs always on the second Wednesday of June. Fall term of 1903 begins September 17. Entrance examinations are held on the three days following Commencement and preceding the opening of the fall term.

For catalogue address,

Registrar of Union College,
Schenectady, N. Y.

SCHOOL OF ENGINEERING

Three courses in Engineering are offered, viz.: A general Civil Engineering course, which is intended to give the basis of an Engineering education, including the fundamental principles of all special branches of the profession, a knowledge of both French and German, and a course in English; a special course in Sanitary Engineering, which differs from the general course in substituting special work in Sanitary Engineering for some of the general Engineering studies; and a course in Electrical Engineering. In the latter course the students are given valuable opportunities for observation, inspection and participation in practical work, by reason of privileges extended by the General Electric Company of Schenectady.

The Degree of Bachelor of Engineering is given for the successful completion of any one of these courses.

In the department of Electrical Engineering, a Graduate course of one year is given, leading to the degree of Electrical Engineer.

The thoroughness and completeness of the course of instruction, the opportunities and arrangements for practice, and the moderate charges ($25 per term) commend the school to those contemplating the engineering profession.

For catalogue or special information regarding the Department of Civil and Sanitary Engineering, address,

OLIN H. LANDRETH, Schenectady, N. Y.

For catalogue and special information regarding the Department of Electrical Engineering, address,

CHARLES P. STEINMETZ, Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1903-1904

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The twenty-third session will open on Monday, October 5, 1903, and close March 29, 1904. The exercises of the college are held in the Albany Medical College building on Eagle street and in the Pharmaceutical Laboratory on Maiden Lane.

The following constitute the faculty:

WILLIS G. TUCKER, M.D., Ph.D., F. C. S., Dean,
Professor of Chemistry.

ALFRED B. HUESTED, M.D., Ph.G.,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph.G.,
Emeritus Professor of Pharmacy.

GARRETT V. DILLENBACK, PH.G.,
Associate Professor of Pharmacy.

THEODORE J. BRADLEY, Ph.G.,
Lecturer on Physics and Pharmaceutical Mathematics and Instructor in Chemistry.

THOMAS W. JENKINS, M.D.,
Instructor in Microscopy, Materia Medica and Pharmacognosy.

EDWIN C. HUTMAN, PH.G.,
Director of Pharmaceutical Laboratory.

Two year graded course. Instruction by lecture, recitation and practical laboratory work. Curriculum includes theoretical and applied Chemistry and Pharmacy, Materia Medica, Botany, Microscopy, Mathematics and Physics.

A systematic course in pharmaceutical laboratory work is pursued, and the college is well equipped to impart thorough instruction in pharmacy and its kindred branches. Candidates for the degree of *Graduate in Pharmacy* (*Ph.G.*) must attend two full sessions, be at least twenty-one years of age, and pass the required examinations. They must also have served at least four years with some reputable pharmacist.

FEES:

First Year: Matriculation, $3; Lecture Course, $30; Chemical Laboratory Course, $15; Pharmaceutical Laboratory Course, $15; Recitations, $5.

Second Year: Lecture Course, $30; Pharmaceutical Laboratory Course, $15; Microscopical Laboratory Course, $10; Recitations, $5; Graduation, $10.

For catalogues or further information, address,

THEODORE J. BRADLEY, PH.G., *Secretary,*
4 Lancaster Street, Albany, N. Y.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE

INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 2,449. Names and addresses upon the roll, 1,503. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

OFFICERS FOR 1903

President—Dr. JOSEPH D. CRAIG ('84), Albany, N. Y.
Vice-Presidents—Dr. GEORGE J. HOLMES ('82), New Britain, Conn.
Dr. J. WILSON POUCHER ('83), Poughkeepsie, N. Y.
Dr. ISAAC H. LENT ('73), Middletown, N. Y.
Dr. EARL D. FULLER ('78), Utica, N. Y.
Dr. LEMON THOMSON ('82), Glens Falls, N. Y.
Recording Secretary—Dr. J. MONTGOMERY MOSHER ('89), Albany, N. Y.
Corresponding Secretary—Dr. ANDREW MACFARLANE ('87), Albany, N. Y.
Treasurer—Dr. ROBERT BABCOCK ('84), Albany, N. Y.
Historian—Dr. EUGENE E. HINMAN ('99), Albany, N. Y.
Executive Committee—
Dr. JOHN F. REILLY ('83), Rensselaer, N. Y.
Dr. LEO H. NEUMAN ('92), Albany, N. Y.
Dr. HENRY L. K. SHAW ('96), Albany, N. Y.
Dr. JAMES W. WILTSE ('91), Albany, N. Y.
Dr. JAMES F. BARKER ('77), Albany, N. Y.
Dr. THOMAS WILSON ('74), Hudson, N. Y.
Dr. EDGAR A. VANDER VEER ('98), Albany, N. Y.
Dr. GEORGE E. LOCHNER ('88), Albany, N. Y.
Dr. WILLIAM J. NELLIS ('79), Albany, N. Y.
Dr. ALVAH H. TRAVER ('98), Albany, N. Y.
Dr. CLEMENT F. THEISEN ('92), Albany, N. Y.
Dr. JAMES F. ROONEY ('98), Albany, N. Y.
together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex officio.*

The next annual meeting will be held in the college building on Tuesday, May 3, 1904. So far as their addresses can be ascertained all graduates of the college are notified of the annual meetings through the mail. Those who do not receive such notice regularly are requested to furnish the recording secretary with their addresses and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. Robert Babcock, Treasurer, 102 Lancaster street, Albany, N. Y.

JOSEPH D. CRAIG, M.D., *President.*
J. MONTGOMERY MOSHER, M.D., *Recording Secretary,*
170 Washington Avenue, Albany, N. Y.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF THE CITY OF NEW YORK

Organized 1895

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Vice-President—Dr. WALTER C. GILDAY ('94), New York City.
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Assistant Secretary—Dr. AUGUSTUS E. CORDES ('99), Brooklyn, N. Y.
Treasurer—Dr. FLAVIUS PACKER ('93), New York City.

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Dr. WARREN C. SPALDING ('81), New York City.
Dr. GEORGE J. HOLMES ('82), New Britain, Ct.
Dr. ARTHUR J. CAPRON ('94), New York City.
Dr. JAMES J. ALEXANDER ('71), New York City.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF CENTRAL NEW YORK

Organized 1901

OFFICERS FOR 1903

President—Dr. CHARLES B. TEFFT ('64), Utica, N. Y.
Vice-Presidents—Dr. THOMAS P. SCULLY ('85), Rome, N. Y.
Dr. FRANK L. HARTER ('82), Syracuse, N. Y.
Dr. IRVING S. EDSALL ('85), Middleville, N. Y.
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Dr. WALTER K. QUACKENBUSH ('95), Trenton, N. Y.
Dr. GEORGE F. GARDNER ('78), Ellisburg, N. Y.
Secretary—Dr. FREDERICK H. BREWER ('78), Utica, N. Y.
Treasurer—Dr. EARL D. FULLER ('78), Utica, N. Y.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF NEW ENGLAND

Organized 1899

OFFICERS FOR 1903

President—Dr. THOMAS D. CROTHERS ('65), Hartford, Conn.
Secretary—Dr. WALTER G. MURPHY ('90), East Hartford, Conn.
Treasurer—Dr. JOHN O'FLAHERTY ('64), Hartford, Conn.
Delegates—The President, Secretary and Treasurer.

HOSPITALS

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

Albany Hospital

New Scotland Avenue

MEDICAL AND SURGICAL STAFF

Consulting Physician
SAMUEL H. FREEMAN, M. D.

Consulting Obstetrician
JAMES P. BOYD, M. D.

Consulting Physician, Throat and Nose
JOHN M. BIGELOW, M. D.

Physicians

SAMUEL B. WARD, M. D.
HENRY HUN, M. D.
JOSEPH D. CRAIG, M. D.
HOWARD VAN RENSSELAER, M. D.

Attending Specialists

CYRUS S. MERRILL, M. D., Eye and Ear
HERMAN BENDELL, M. D., Eye and Ear
JAMES P. BOYD, M. D., Gynecology
FREDERIC C. CURTIS, M. D., Dermatology
EZRA A. BARTLETT, M. D., Electricity
ARTHUR G ROOT, M. D., Throat and Nose
J. MONTGOMERY MOSHER, M. D., Mental Diseases
LEO H. NEUMAN, M. D., Stomach and Intestines

Dispensary Physicians

LEO H. NEUMAN, M. D.
WILFRED S. HALE, M. D.
WILLIAM G. LEWI, M. D.
GEORGE E. LOCHNER, M. D.
THOMAS A. RYAN, M. D.
THOMAS W. JENKINS, M. D.
J. MONTGOMERY MOSHER, M. D.
MARTIN MACHARG, M. D.
WILLIAM H. GEORGE, M. D.
ARTHUR SAUTTER, M. D.
EDGAR A. VANDER VEER, M. D.
ANDREW MACFARLANE, M. D.
HENRY L. K. SHAW, M. D.
CHARLES H. RICHARDSON, M. D.

Pharmacist

WILLIAM A. LARKIN, PH. G.

Surgeons

ALBERT VANDER VEER, M. D.
WILLIAM HAILES, M. D.
SAMUEL R. MORROW, M. D.
WILLIS G. MACDONALD, M. D.

Obstetric Surgeons

G. EMORY LOCHNER, M. D.
WILLIAM H. HAPPEL, M. D.

Assistant Attending Physician

LEO H. NEUMAN, M. D.

Assistant Attending Surgeons

CHARLES H. RICHARDSON, M. D.
EDGAR A. VANDER VEER, M. D.
ALVAH H. TRAVER, M. D.

Assistant Attending Ophthalmic and Aural Surgeon

CHARLES H. MOORE, M. D.

Pathologist

GEORGE BLUMER, M. D.

Chief of Surgical Clinic

ARTHUR W. ELTING, M. D.

Resident Physicians and Surgeons

ARCHIBALD J. DOUGLAS, M. D.
FRANK KEATOR, M. D.
DONALD BOYD, M. D.
CONRAD R. HOFFMAN, M. D.
JAMES N. VANDER VEER, M. D.
ISAAC E. VAN HOESEN, M. D.
EDWIN F. SIBLEY, M. D.

Superintendent
JOHN L. GODLEY

Superintendent of Training School
MISS EMILY MACDONNELL.

St. Peter's Hospital

Corner Broadway and North Ferry Street

Medical and Surgical Staff

Consulting Surgeon
Patrick J. Keegan, M. D.

Consulting Physician
T. Kirkland Perry, M. D.

Attending Surgeons
Samuel R. Morrow, M. D.
William Hailes, M. D.
John V. Hennessy, M. D.

Attending Physicians
Henry Hun, M. D.
Howard Van Rensselaer, M. D.
Andrew MacFarlane, M. D.

Ophthalmic and Aural Surgeon
George S. Munson, M. D.

Abdominal Surgeon and Gynecologist
John B. Harvie, M. D.

Obstetric Surgeon
John F. Reilly, M. D.

Nose and Throat
Clement F. Theisen, M. D.

Pathologist
George Blumer, M. D.

Dispensary Staff

Surgeons
Joseph A. Cox, M. D.
Charles E. Davis, M. D.
John F. Heffernan, M. D.

Physicians
Terence L. Carroll, M. D.
Joseph P. O'Brien, M. D.

Skin Diseases
James W. Wiltse, M. D.

Resident Surgeon
Frederick J. MacDonald, M. D.

Resident Physician
George L. Branch.

Child's Hospital

Corner Elk and North Hawk Streets

Surgeon Emeritus
Lewis Balch, M. D.

Attending Physicians
Thomas M. Trego, M. D.
Henry Hun, M. D.
(Neurologist).
Howard Van Rensselaer, M. D.
Andrew MacFarlane, M. D.
(St. John's House).
Henry L. K. Shaw, M. D.
(St. Margaret's House).

Attending Surgeons
Samuel R. Morrow, M. D.
Alvah H. Traver, M. D.
Charles E. Davis, M. D.
Arthur W. Elting, M. D.

Ophthalmic and Aural Surgeons
Cyrus S. Merrill, M. D.
Charles H. Moore, M. D.

Laryngologist and Rhinologist
Clement F. Theisen, M. D.

Pathologist
George Blumer, M. D.

Dermatologist
Frederic C. Curtis, M. D.

Dental Surgeon
Dr. Fr. G. Michel

County Hospital

Physician and Surgeon
William G. Lewi, M. D.

Resident Physician
Arthur T. Laird, M. D.

The South End Dispensary of the Albany Free Dispensary Association

Corner Trinity Place and Westerlo Street.

MEDICAL AND SURGICAL STAFF

Consulting Surgeon

ALBERT VANDER VEER, M. D.

Consulting Physician

SAMUEL BALDWIN WARD, M. D.

Consulting Specialist on Dermatology

FREDERIC COLTON CURTIS, M. D.

Attending Surgeons

WILLIS G. MACDONALD, M. D.
CHARLES E. DAVIS, M. D.
CHARLES H. RICHARDSON, M. D.
WILLIAM H. GEORGE, M. D.

Attending Physicians

LEO H. NEUMAN, M. D.
WILLIAM H. HAPPEL, M. D.
TERENCE L. CARROLL, M. D.

Assistant Surgeons

EDGAR A. VANDER VEER, M. D.
ALVAH H. TRAVER, M. D.

Assistant Attending Surgeons

JOSEPH A. LANAHAN, M. D.
E. GERALD GRIFFIN, M. D.
JAMES F. ROONEY, M. D.
ANNE T. BINGHAM, M. D.
MARY F. SWEET, M. D.

Attending Specialists

Eye and Ear

LEO F. ADT, M. D.

Genito-Urinary and Skin Diseases

ARTHUR SAUTTER, M. D.

Throat and Nose

ARTHUR G. ROOT, M. D.
LOUIS LE BRUN, M. D.

Diseases of Children

WILLIAM H. HAPPEL, M. D.

Diseases of Stomach and Intestines

LEO H. NEUMAN, M. D.

Dental Surgeon

LEROY S. BLATNER, D. D. S.

Albany's Hospital for Incurables

South Pearl Street.

Physicians in Charge

HENRY HUN, M. D.
HOWARD VAN RENSSELAER, M. D.
ANDREW MACFARLANE, M. D.

Surgeon in Charge

SAMUEL R. MORROW, M. D.

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1903/04

ALBANY MEDICAL COLLEGE

Register of Students

1903-1904

AMERICAN MEDICAL ASSN.
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COUNCIL ON MEDICAL EDUCATION

ANNOUNCEMENT FOR SESSION

1904-'05

MEDICAL DEPARTMENT OF UNION UNIVERSITY

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

73d SESSION, 1903-1904

AND

ANNOUNCEMENT FOR SESSION 1904-1905

ALBANY, N. Y.
PRESS OF BRANDOW PRINTING CO.
1904

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OSGOOD H. SHEPARD,
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AMASA J. PARKER,
J. TOWNSEND LANSING,
ANDREW V. V. RAYMOND,
JESSE W. POTTS,
EDWARD A. DURANT,
CLIFFORD D. GREGORY,
CHARLES TRACEY,
ALDEN CHESTER,
EDWARD BOWDITCH,
GEORGE P. HILTON,
FREDERICK TOWNSEND,
WALTER L. PALMER.
CHARLES GIBSON
DOUGLAS W. OLCOTT

MAYOR OF ALBANY,
RECORDER OF ALBANY, } *Ex officio.*

CATALOGUES are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M. D., *Registrar*,

ALBANY MEDICAL COLLEGE,

Albany, N. Y.

FACULTY

ANDREW VAN VRANKEN RAYMOND, D.D., LL.D., *Chancellor of the University.*

ALBERT VANDER VEER, M.D., Ph.D., *Professor of Surgery.*

JOHN MILTON BIGELOW, M.D., Ph. D., *Emeritus Professor of Materia Medica, Therapeutics and Diseases of the Throat and Nose.*

SAMUEL BALDWIN WARD, M.D., Ph.D., Dean, *Professor of Theory and Practice of Medicine and of Hygiene.*

JAMES PETER BOYD, M.D., *Professor of Obstetrics, Gynecology and Diseases of Children.*

WILLIS GAYLORD TUCKER, M.D., Ph.D., Registrar, *Professor of Chemistry and Toxicology.*

WILLIAM HAILES, M.D., *Anthony Professor of Pathological Anatomy, Histology and Fractures and Dislocations.*

CYRUS STRONG MERRILL, M.D., *Professor of Ophthalmology and Otology.*

FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*

HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*

SAMUEL ROSEBURGH MORROW, M.D., *Professor of Practice of Surgery and of Orthopedic Surgery.*

HERMON CAMP GORDINIER, M.D., *Professor of Physiology.*

HOWARD VAN RENSSELAER, M.D., *Professor of Materia Medica and Therapeutics, and Adjunct Professor of Theory and Practice of Medicine.*

JOSEPH DAVIS CRAIG, M.D., *Professor of Anatomy. Curator of the Museum.*

WILLIS GOSS MACDONALD, M.D., *Professor of Abdominal and Clinical Surgery.*

RICHARD MILLS PEARCE, M.D., *Professor of Pathology and Bacteriology.*

Clinical Professors

ANDREW MacFARLANE, M. D., *Physical Diagnosis and Medical Jurisprudence.*
HERMAN BENDELL, M. D., *Otology.*
ARTHUR GUERNSEY ROOT, M. D., *Diseases of the Throat and Nose.*
LEO HAENDEL NEUMAN, M. D., *Theory and Practice of Medicine and Gastro-Enteric Diseases.*
JESSE MONTGOMERY MOSHER, M. D., *Insanity, Neurology and Electro-Therapeutics.*
HARRY JUDSON LIPES, M. D., *Obstetrics.*

Adjunct Professor

SPENCER LYMAN DAWES, M. D., *Materia Medica.*

Lecturers

WILLIAM OLIN STILLMAN, M. D., *History of Medicine.*
CHARLES HARPER RICHARDSON, M. D., *Minor Surgery.*
ARTHUR WELLS ELTING, M. D., *Surgical Pathology.*
GEORGE EMORY LOCHNER, M. D., *Gynecology.*
ARTHUR TURNER LAIRD, M. D., *Clinical Microscopy.*
THEODORE JAMES BRADLEY, B. S., Ph. G., *Inorganic Chemistry.*
CHARLES HENRY MOORE, M. D., *Ophthalmology and Otology.*
CLEMENT FRANK THEISEN, M. D., *Diseases of Throat and Nose.*
ARTHUR SAUTTER, M. D., *Dermatology and Genito-Urinary Diseases.*
HENRY LARNED KEITH SHAW, M. D., *Diseases of Children.*
HERBERT DODGE PEASE, M. D., *Antitoxins and Immunity.*
EDGAR ALBERT VANDER VEER, M. D., *Clinical Surgery.*
WILFRED SILVESTER HALE, M. D., *Anatomy. Demonstrator of Anatomy and Assistant Curator of Museum.*
EDWIN MacDONALD STANTON, M. D., *Histology.*

Instructors

Alvah Harry Traver, M. D., *Surgery and Assistant Demonstrator of Anatomy.*
Edgar Roscoe Stillman, M. D., *Physiology.*
Edward Waterbury Becker, M. D., *Physiology.*
Christian Gottlieb Hacker, M. D., *Materia Medica and Therapeutics.*
Harry Wardell Carey, M. D., *Surgical Pathology.*
Leo Frank Adt, M. D., *Ophthalmology.*
Edward Gerald Griffin, M. D., *Theory and Practice of Medicine.*
James Francis Rooney, M. D., *Theory and Practice of Medicine.*
James Wesley Wiltse, M. D., *Dermatology and Genito-Urinary Diseases.*

HOWARD EATON LOMAX, M. D., *Anatomy and Assistant Demonstrator of Anatomy.*

CHARLES KNICKERBACKER WINNE, JR., M. D., *Bacteriology.*

GEORGE GUSTAVE LEMPE, M. D., *Anatomy.*

DONALD BOYD, M. D., *Demonstrator in Anatomy of Nervous System and Assistant in Normal Histology.*

EDWIN FORREST SIBLEY, M. D., *Clinical Microscopy.*

SILAS LORENZO FILKINS, M. D., *Prosector of Anatomy.*

CLINICAL ASSISTANTS

WILLIAM HENRY GEORGE, M. D.
MICHAEL DANIEL STEVENSON, M. D.
WASHINGTON IRVING GOEWEY, M. D.
ELIJAH HUDSON RIDER, M. D.
WILLIAM GRANT LEWI, M. D.
MARTIN MACHARG, M. D.
LOUIS LEBRUN, M. D.
JAMES MANNING MOORE, M. D.
WILLIAM PITNEY BRIERLEY, M. D.
JOSEPH ALOYSIUS LANAHAN, M. D.
JOSEPH PATRICK O'BRIEN, M. D.
ADAM JAMES BLESSING, M. D.
ARCHIBALD JOHN DOUGLAS, M. D.
JOSEPH NICHOLAS BENNETT GARLICK, M. D.
WILLIAM ENTWISTLE GARLICK, M. D.
JOSEPH DAY OLIN, M. D.
EDWARD AUGUSTINE STAPLETON, M. D.
MALCOLM DOUGLAS, M. D.
JOHN ISAAC COTTER, M. D.
BENJAMIN JOHN SINGLETON, M. D.
RICHARD HENRY VAN DENBURG, M. D.

CALENDAR, 1904-1905

1904

Regular winter session begins.....Tuesday, September 20
Election vacation.....Monday and Tuesday, November 7 and 8
Thanksgiving vacation begins.....Wednesday afternoon, November 23
Lectures resumed.....Monday, November 28
Christmas vacation begins.....Saturday, December 24

1905

Lectures resumed.....Wednesday, January 4
Commencement.....Tuesday, May 2

PRELIMINARY EXAMINATION.—The preliminary examination of medical students is under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine should apply to the Examinations Division, University State of New York, Albany, by letter or otherwise, if information concerning this examination further than that given on pages 36-38 is desired. One of the examinations will be held in Albany, September 27-30, 1904.

CERTIFICATE OF GOOD MORAL CHARACTER.—Students on entrance are required to file a creditable certificate of good moral character signed by at least two physicians of good standing in the state in which they reside. Blanks for this purpose may be obtained from the registrar.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held before the Christmas vacation. A printed schedule of these examinations is furnished the class.

ANNOUNCEMENT

1904–1905*

Union University includes the Albany Medical College, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Engineering at Schenectady.

With the session of 1897-'98 a four year course was inaugurated and four courses are now required of all candidates for graduation, excepting in the case of graduates from certain colleges registered by the regents as now provided by law, who may be admitted to advanced standing at the discretion of the faculty. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The chemical laboratory is fitted with every requisite for the use of the laboratory classes and the illustration of the lectures, while the Bender Hygienic Laboratory furnishes unexcelled facilities for instruction in histology, pathology, bacteriology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological specimens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

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* Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

The Albany Hospital, St. Peter's Hospital, Child s Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards made available for clinical purposes to the students, and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

CLINICS

Combined Third and Fourth Year Classes

WEDNESDAY—10 A. M., (Medicine), Prof. Hun.
11 A. M., (Surgery), Prof. Morrow.

THURSDAY—10 A. M., (Gynecology), Prof. Boyd.

FRIDAY—5 P. M., (Neurology), Prof. Hun.

SATURDAY—10 A. M., (Medicine), Prof. Ward.
11 A. M., (Surgery), Profs. Vander Veer, Morrow and Macdonald.

Fourth Year Class Divided into Sections

MONDAY—11 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Laryngology), Dr. Root.
3 P. M. to 5 P. M., (Insanity and Electricity), Dr. Mosher; (Pediatrics, surgical), Dr. Elting; (Obstetrics and Pediatrics), Drs. Lipes and Shaw.

TUESDAY—11 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Neurology), Dr. Mosher; (Otology), Dr. Bendell.
3 P. M. to 5 P. M., (Surgery), Prof. Morrow; (Pediatrics, medical), Dr. Shaw; (Medicine), Dr. Laird.

THURSDAY—11 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology), Dr. Theisen.
3 P. M. to 5 P. M., (Medicine), Drs. MacFarlane, Neuman, Mosher and Laird; (Surgery), Dr. Elting.

FRIDAY—11 A. M. to 1 P. M., (Ophthalmology,) Prof. Merrill; (Neurology,) Dr. Mosher; (Genito-Urinary), Dr. Sautter.
3 P. M. to 5 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Drs. MacFarlane, Neuman and Shaw; (Surgery), Dr. E. A. Vander Veer.

ALBANY MEDICAL COLLEGE
Incorporated 1839

BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine (excepting as stated upon page nine) embraces the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection. 2. **Inorganic Chemistry**—three lectures; four hours laboratory; one recitation. 3. **Physiology**—two lectures; one recitation; three hours demonstrations. 4. **Histology**—five hours laboratory; one recitation. 5. **Materia medica**—three lectures; two recitations.

Lectures 11; laboratory 9 hours; dissection and demonstrations 9 hours; recitations 5

Second Year

1. **Anatomy**—three lectures; seven hours dissection and demonstration; two recitations. 2. **Organic Chemistry and Toxicology**—three lectures; one recitation. 3. **Hygiene**—one lecture. 4. **Physiology**—two lectures; one recitation. 5. **Therapeutics**—one lecture; one recitation. 6. **Theory and Practice**—two lectures; one recitation. 7. **Surgery (minor)**—one lecture; one demonstration; two hours clinics. 8. **Bacteriology and Pathology**—one lecture; seven and a half hours laboratory.

Lectures 14; dissections and demonstrations 8 hours; laboratory 7½ hours; recitations 6; clinics 2.

Third Year

1. **Theory and Practice**—four lectures; two recitations; two hours clinics. 2. **Clinical microscopy**—two and a half hours laboratory. 3. **Therapeutics**—two lectures; one recitation. 4. **Electro-therapeutics**—one lecture half the term. 5. **Obstetrics**—two recitations. 6. **Pediatrics**—one lecture; one recitation half the term. 7. **Neurology**—one lecture; one recitation half the term; one clinic. 8. **Surgery (pathology, operative, fractures, dislocations)**—five lectures; two and a half hours demonstration; two recitations; three hours clinics. 9. **Physical Diagnosis and Ophthalmology**—section work, two hours. 10. **Medical Jurisprudence**—one lecture half the term. 11. **X Rays**—one demonstration half the term. 12. **Obstetrical Histology and Pathology**—two hours laboratory. 13. **History of Medicine**—one lecture half the term. 14. **Conference**—one medical.

Lectures 15; laboratory 4½ hours; demonstrations 3 hours; conference 1; recitations 8; section work 2; clinics 6.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation; two hours clinics, 2. **Neurology**—one lecture; one clinic. 3. **Gynecology**—one lecture. 4. **Obstetrics**—one lecture; one recitation. 5. **Surgery (including orthopedics)** — four lectures; one recitation; four hours clinics. 6. **Specialties**—one recitation. 7. **Conferences**—one medical; one surgical. 8. **Clinical section work**—thirteen hours.

Lectures 10; recitations 4; conferences 2; clinics 7; clinical section work 13 hours.

The provisional order of instruction for the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION — 1904-1905

FIRST YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	9 to 11:30 Histological Laboratory.	Recitation in Physiology.	Recitation in Mat. Medica.	Chemical Laboratory.	Physiological Demonstration.	9:00 to 11:30 Histological Laboratory.
10		Chemical Laboratory.	Physiological Demonstration.			
11			Materia Medica.			
12	Anatomy.	Materia Medica.	Anatomy	Materia Medica.	Anatomy.	11:30 to 12:30 Recitation in Histology.
3	Inorganic Chemistry.	Inorganic Chemistry.		Inorganic Chemistry.	Inorganic Chemistry.	
4	Physiology.	Osteology and Dissection. In Sections.	Osteology and Dissection. In Sections.	Recitation in Mat. Medica.	Osteology and Dissection. In Sections.	
5				Physiology.		

Final Examinations in Inorganic Chemistry, Histology, Materia Medica, and in the Physiology, and Anatomy of the year.

SECOND YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Dissection.	Bandaging.	9 to 11:30 Bacteriology and Pathology.	9 to 11:30 Bacteriology and Pathology.	9 to 12:30 Bacteriology and Pathology.	Organic Chemistry.
10		Recitation in Physiology.				Recitation Organ. Chem.
11	Therapeutics.	Hygiene.				Surgical Clinic at Albany Hospital.
12	Recitation in Theory and Practice.	Theory and Practice.	Organic Chemistry.	Theory and Practice.		
3	Recitation in Therapeutics.	Anatomy.	Demonstration of Anatomy of Nerv. System.	Anatomy.	Recitation in Anatomy. In Sections.	
4	Physiology.	Recitation in Anatomy. In Sections.	Dissection	Anatomy of the Nervous System.	Dissection.	
5	Organic Chemistry	Minor Surgery.		Physiology.		

Final Examinations in Organic Chemistry, Anatomy (including that of the Nervous System), Bacteriology and Pathology, Physiology, and in the Therapeutics and Theory and Practice of the year.

Order of Instruction—*Continued*

THIRD YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology.	9 to 11:30 Surgical Pathology.	8:45 to 9:45 Surgery.	Surgery.	Surgery	Recitation in Obstetrics.
10	Theory and Practice.		Pediatrics.	Recitation Theory and Practice.	Theory and Practice.	Med. Clinic Alb. Hospital
11	Therapeutics.		Recitation in Obstetrics.	Electro-Therapeutics. Hist. of Med.	Operative Surgery.	Surgical Clinic Alb. Hospital.
12	Recitation in Surgery.	Theory and Practice.	Surgical Clinic, Alb. Hospital.	Theory and Practice.	Therapeutics	
3	Medical Jurisprudence. X Rays.	Recitation in Theory and Practice.	Fractures and Dislocations.	Obstetrical Histology and Pathology	2 to 4:30 Clinical Microscopy.	
4	Phys. Diag. Sec. A. Rec. Therapeut. Sec. B.	Phys. Diag. Sec. B. Rec. Therapeut. Sec. A.	Medical Conference			
5	Ophthalmol. Sec. B.	Ophthalmol. Sec. A.	Recit. Neurol. and Pediat. In Sections.	Recitation Surgery.	Neurological Clinic.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy and Physical Diagnosis), and in the Surgery, Obstetrics, and Theory and Practice of the year.

FOURTH YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY	FRIDAY.	SATURDAY.
9	Neurology.	Orthopedic Surgery.	8:45 to 9:45 Surgery.	Surgery.	Surgery.	Surgical Conference.
10	Theory and Practice.	Obstetrics.	Medical Clinic St. Peter's Hospital	Gynecology.	Theory and Practice.	Medical Clinic, Alb. Hospital.
11	Clinical Work, Class Divided into Sections.	Clinical Work, Class Divided into Sections.	Gen-Urin.&Skin St. Peter's. In Sections.	Clinical Work, Class Divided into Sections.	Clinical Work, Class Divided into Sections.	Surgical Clinic, Alb. Hospital.
12			Surgical Clinic Alb. Hospital.			
3			Recitation in Theory and Practice.			
4			Medical Conference.			
5	Recitation in Obstetrics.	Recitation in Surgery.	Recitation in Specialties.	Gastro-enteric Diseases.	Neurological Clinic.	

Final Examinations in Theory and Practice, Surgery, Obstetrics and in Specialties.

CLINICAL COURSES, 1904-5

(The class divided into four sections)

SECTION A

Hour	Date.	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 26 to November 9.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 10 to January 7.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 9 to February 18.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	February 20 to April 5.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 9.	Insanity & Electric. Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Medicine Dr. Shaw St. Peter's Hospital.
	November 10 to January 7.	Pediatrics (Surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine. Dr. Mosher Alb. Orph. Asylum.	Therapeutics Dr. Van Rensselaer Alb., St. P. & C. H.
	January 9 to February 18.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.
	February 20 to April 5.	Insanity & Electric. Dr. Mosher Albany Hospital.	Pediatrics (Medical) Dr. Shaw St. Margaret's House	Surgery Dr. Elting Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital

SECTION B

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 26 to November 9.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.
	November 10 to January 7.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 9 to February 18.	Laryn & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	February 20 to April 5.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 9.	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margar. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	November 10 to January 7	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Medicine Dr. Shaw St. Peter's Hospital.
	January 9 to February 18.	Pediatrics (surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orp. Asylum.	Therapeutics Dr. Van Rensselaer Alb. St. Pet. & Childs
	February 20 to April 5.	Pediatrics & Obstet. Drs. Shaw & Lipes. St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

Clinical Courses — *Continued*

SECTION C

Hour	Date	Moday	Tuesday	Thursday	Friday
11:30 to 12:45	September 26 to November 9	Laryn. & Rhin Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 10 to January 7	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	January 9 to February 18	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp's'ry
	February 20 to April 5	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 26 to November 9	Pediatrics & Obstet. Drs. Shaw & Lipes St.Marg.& Alb.Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital.
	November 10 to January 7	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr.E.A.VanderVeer Albany Hospital.
	January 9 to February 18	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Medicine Dr. Shaw St. Peter's Hospital.
	February 20 to April 5	Pediatrics (surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orph. Asylum.	Therapeutics Dr. VanRensselaer. Alb. S.Pet. Ch. Hos.

SECTION D

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 26 to November 9	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 10 to January 7	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 9 to February 18	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	February 20 to April 5	Ophthalmology Dr. Merrill Albany Hospital	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp'sry.
2:30 or 3 to 4:30	September 26 to November 9.	Pediatrics (surgical) Dr. Elting Child's Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orphan Asy.	Therapeutics Dr. VanRensselaer. Alb.,St.Pet.,Ch.Hos
	November 10 to January 7	Pediatrics & Obstet. Drs. Shaw & Lipes St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital.
	January 9 to February 18	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr.E.A.VanderVeer Albany Hospital.
	February 20 to April 5	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Medicine Dr. Shaw St. Peter's Hospital.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN, VAN RENSSELAER AND PEARCE, AND DRS. MACFARLANE, ROOT, NEUMAN, MOSHER, LAIRD, THEISEN AND SAUTTER.

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens, to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have examined at their homes and their reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Dr. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's or the Child's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year, during the whole of which year Prof. Gordinier gives one lecture, with demonstrations, each week on the anatomy of the nervous system and in addition one and one-half hours each week are devoted to practical work in studying with the microscope and projection lantern, gross and microscopic specimens of the normal and pathological histology of the nervous system, each student making drawings of the specimens and obtaining a collection of slides of typical sections. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one

didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Dr. Mosher in mental disorders in the wards of Pavilion F at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Drs. Root and Theisen in such manner that the student is familiarized with the diseases of these parts and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class, divided into sections, are taught the principles of physical diagnosis in the examination of the body both in health and disease under Dr. MacFarlane.

Clinical Microscopy. The third year class, in sections, have practical laboratory work in microscopy, including the examination of the urine, blood, sputum, pus, and cultures from cases of true and false diphtheria for clinical diagnosis.

Surgery

Profs. Vander Veer, Hailes, Merrill, Morrow and Macdonald, and Drs. Bendell, Richardson, Elting, Moore and E. A. Vander Veer.

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal,

and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon the cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of diagrams and specimens. The subject of antiseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical

instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Obstetrics, Gynecology and Diseases of Children

PROF. BOYD AND DRS. LIPES, LOCHNER AND SHAW

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital. Members of the senior class are required each to attend a certain number of cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick Poor. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the Lathrop Memorial and the dispensary of the Albany Hospital.

Chemistry

PROF. TUCKER AND MR. BRADLEY

The course in this department includes lectures upon the principles of chemistry with its nomenclature and notation; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopœial compounds receive especial attention, their official names and various synonyms being fully stated and their common adulterations described. Considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

PROFS. CRAIG, GORDINIER AND PEARCE, AND DRS. HALE AND STANTON

The course in anatomy consists of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations from the museum. The course extends through the first and second years. Students are required to take a practical course during the first year on those systems which are lectured upon during that year and to dissect during the second

year under the demonstrator of anatomy and assistants not less than the lateral half of a human cadaver. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the didactic lectures, and regional anatomy given prominent consideration in the dissecting-room work. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology and pathological anatomy are taught by practical laboratory work as elsewhere described. An electrical projection apparatus affords facilities for screen demonstrations in normal and pathological histology.

Materia Medica and Therapeutics

Prof. Van Rensselaer and Drs. Dawes and Mosher

The lectures on materia medica are illustrated by the exhibition of official plants, prints and specimens of various official compounds and preparations. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is continued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electro-therapeutics. Recitations are held weekly.

Physiology

Prof. Gordinier

Didactic and experimental lectures upon this subject are given to the first and second year classes. These lectures are profusely illustrated by the aid of a projection outfit and lantern slides, portable microscopes and diagrams, and much attention is devoted to the more modern physiology of the nervous system, circulation, digestion, absorption, secretion, and the recent methods of blood examination. Recitations are held each week.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, operative obstetrics, electro-therapeutics and medical technique.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished and conveniently arranged, each student having a desk and reagents for his own use, and being supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups and the examination of unknown substances. The more important toxicological and urinary tests are performed and all chemical reactions are written upon the blackboard, discussed by the class, and entered upon their notes.

Histology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender, of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects.

In histology the work consists of explanatory talks bearing on the subject of the day's study, followed by microscopic study of sections, each student being required to make drawings of his sections. The different tissues and organs of the body are taken up systematically in this way.

In bacteriology the work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar with the underlying principles of bacteriology and their application to clinical medicine and surgery.

In pathology the work consists in a short lecture on the subject under discussion for the day followed by practical exercises in the form of mounting, staining, and examining sections. Students are obliged to make drawings of their sections. Besides this the students are instructed in the technique of making autopsies, and material from autopsies and surgical operations is demonstrated to them as available.

In clinical microscopy the course consists in a preliminary talk each session, followed by practical work in the examination of blood, urine, sputum, fæces, etc.

A limited number of students who have shown proper aptitude will be allowed to work along more advanced lines during the summer months.

For the Alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with Dr. Richard M. Pearce, Director.

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable in advance, are not returnable, and are as follows :

First Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Chemical Laboratory	10 00	
Histological Laboratory	10 00	
Dissection (including material)	5 00	
		$130 00

Second Year

Matriculation	$ 5 00	
Dissection (including material)	10 00	
Lecture Course	100 00	
Bacteriological and Pathological Laboratory	15 00	
		$130 00

Third Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Clinical Microscopy Laboratory	5 00	
		$110 00

Fourth Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Final Examination	25 00	
		$130 00

In addition to the fees above stated, an annual charge of two dollars is made to members of the first, second and third year classes taking laboratory courses at the Bender Laboratory, for use of microscopes and other apparatus. This fee is paid to the director at the laboratory, and after laboratory tickets have been issued by the registrar.

The payment of three hundred dollars in advance entitles to attendance upon four courses of lectures, exclusive of laboratory and other special fees above stated, and effects a saving of one hundred dollars on the cost of the four year course. The final examination fee must be paid before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates.

BOOKS RECOMMENDED

For Text Books	Books Recommended for Reference
Anatomy—Gray, Holden, Hewson	Cunningham, Morris.
Anatomy Nervous System—Gordinier	
Histology—Szymonowicz and MacCallum	Boehm and Davidoff, Stöhr, Huber.
Pathology—Delafield and Prudden	Zeigler, Thoma, Hamilton.
Bacteriology—Muir and Ritchie	Park, Abbott, Flügge,
Physiology—Kirke	Landois, Dalton, Yeo, Foster, Huxley.
Materia Medica—Stevens	U. S. Dispensatory.
Therapeutics—Hare	Foster.
Electro-Therap. and Diagnosis—Turner, Mosher	Hedley.
Throat and Nose—Bishop	Bosworth, Kyle, Shurly.
Inorganic Chemistry — Sadtler and Coblentz	Bartley, Simon, Witthaus.
Analytical Chemistry — Laboratory Notes	Bartley Clin. Chem., Rockwood.
Organic Chemistry—Sadtler & Coblentz	Bartley, Richter.
Physiol. Chemistry—Rockwood	Hammarsten, C. E. Simon, Bunge.
Med. Jurisprud. and Toxicol.—Reese	Hamilton, Wormley, Herold.
Chemistry of Urine—Tyson	Purdy, Bartley Clin. Chem.
Theory and Practice—Anders	Osler, Thompson, Tyson, Wood and Fitz.
Gastro-Enteric Diseases—Hemmeter	
Phys. Diag.—Musser, MacFarlane	
Clin. Microscopy—Simon, Cabot	Ewing, Ogden.
Hygiene—Coplin and Bevan	Wilson, Harrington.
Insanity—Chapin	Berkley, Tuke's Dict., Clouston.
Dermatology—Jackson	Hyde, Crocker, Taylor, Van Harlingen.
Neurology—Hun's Syllabus	Gowers, Church and Peterson, Jakob's Atlas.
History of Medicine—Park	Baas.
Fract. and Dislocations—Stimson	Hamilton. [Text Book Surgery, Da Costa.
Princ. and Prac. Surg.—Parks. Am. Auth.	Inter. Text Book, Wharton and Curtis, Am.
Surgical Pathology—Warren	Billroth-Winiwarter, Senn.
Operative Surgery—Bryant	Kocher, Stimson, Smith, Herrick R.R.Surg.
Aseptic Treatment Wounds—Beck	Thornbury.
Syphilis and Gen. Urin. Dis's.—White & Martin	Keyes, Morrow.
Surgical Diagnosis—Albert	MacDonald Sur. Diag. & Treatment, Ranney.
Orthopedic Surgery—Bradford & Lovett	Young.
Ophthalmology—Swanzy	Henderson, DeSchweinitz, Fuchs, Noyes.
Otology—Bacon	Dench, Roosa, Politzer.
Obstetrics—Jewett	Williams, Hirst, Am. Text Book Obst. [rose.
Gynecology—Dudley	Am. Text Book Gynecol., Kelly, Reed, Pen-
Diseases of Children—Holt	Rotch, Koplick, Keating.
Dictionary—Dunglison, Medical Lexicon,	Dorland Illust. Med. Dictionary.

PRIZES AND HOSPITAL APPOINTMENTS

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M.D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professors Vander Veer and Macdonald offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best report of the eye and ear clinics.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M. D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examinations in obstetrics.

To the senior student passing the best final examination, the family of the late Dr. T. W. Nellis (A. M. C., '81), of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C., '82), of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the third year student passing the best final examination.

A. B. Huested, M. D. (A. M. C., '63), & Co., of Albany, offer a prize consisting of Gross' complete aseptic pocket case of instruments to the first year student passing the best final examination.

The Daggett trust. Pursuant to the provisions of a bequest by the late Dr. Nathan G. Daggett, of Schenectady, N. Y., an alumnus of the college of the class of '67, the following prizes are announced for the ensuing year:

1. For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are prescribed for 1905:

1. Prepared and mounted adult human male skeleton, free from fat.
2. Disarticulated bones of the human skull.
3. Wet preparation of an adult normal human heart, opened to display the cavities and valves.
4. Injected, colored and dried preparation of a full term fœtal circulation, particularly showing the ductus venosus and ductus arteriosus.
5. Wet preparation of the brachial plexus of nerves with its branches from the first rib to the terminal cutaneous branches.
6. Prepared and mounted skeletons of a male and female rat, free from fat.

Preparations must be deposited with the professor of anatomy by April 1, 1905. All specimens submitted in competition for these prizes are to be the property of the college whether awarded prizes or not. Further information may be obtained from the professor of anatomy.

2. For the best "deportment irrespective of scholarship," as determined by the faculty, a first prize of sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the senior class.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 38, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 36-38).

He must have attended not less than four regular courses of lectures, unless as stated at page 9, of which the last shall have been at this college. Students who have attended one or more courses of lectures at other recognized medical colleges, who may desire to be admitted to advanced standing in this college, will be credited with the work they may have done and with examinations they may have passed, other than those of the senior year, and in so far as such work and examinations correspond with the curriculum of this college, if satisfactory evidence of such attendance and of the passing of such examinations is presented.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass a satisfactory final examination in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar*,

July 1, 1904. Albany, N. Y.

EXAMINATION DEPARTMENTS

First Year

1. Inorganic chemistry—Dr. Tucker and Mr. Bradley.
2. Anatomy and histology—Drs. Craig and Pearce.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology—Dr. Gordinier.

Second Year

1. Organic chemistry (including toxicology)—Dr. Tucker.
2. Anatomy (including nervous system)—Drs. Craig and Gordinier.
3. Bacteriology and pathological anatomy (including laboratory work)—Dr. Pearce.
4. Therapeutics and practice (including hygiene)—Drs. Van Rensselaer and Ward.
5. Physiology—Dr. Gordinier.

Third Year

1. Therapeutics (including electro-therapeutics) — Drs. Van Rensselaer and Mosher.
2. Theory and practice—Drs. Van Rensselaer and Ward.
3. Surgery (including pathology, operative, and fractures and dislocations)—Drs. Vander Veer, Morrow and Macdonald.
4. Obstetrics and pediatrics—Drs. Boyd and Lipes.
5. Neurology and diagnosis (including clinical microscopy and physical diagnosis)—Drs. Hun, Pearce and Mac Farlane.

Fourth Year

1. Theory and practice—Dr. Ward.
2. Surgery (including orthopedic)—Drs. Vander Veer, Morrow and Macdonald.
3. Obstetrics and gynecology—Dr. Boyd.
4. Neurology, medical jurisprudence and insanity—Drs. Hun, MacFarlane and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis and Root.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in three departments of the first year, or more than three departments of the second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the studies (not departments) in which he has failed. In case he fails in this examination in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. In this connection a department means all that constitutes one separate examination and may include one or more studies or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October and students failing in this examination in only one department may be re-examined in it at the time of the following mid-winter examinations, and failing in this may take the examination in the following spring.

Students, 1903-1904

Fourth Year

NAME	RESIDENCE	PRECEPTOR
James Marmaduke Boddy, A. M.	Troy	Dr. Lansing Van Auken
Palmer Romaine Bowdish	Cornwall-on-Hudson	Drs. O. D. Ball and A. W. Elting
George Lay Branch	East Springfield	Drs. J. V. Hennessy and MacDonald
Charles William Chapin	Unadilla Centre	Dr. A. J. Butler
Guy Forsythe Cleghorn	Green Island	Drs. G. B. Grady and W. N. Campaigne
Chester Thompson Cobb	Easthampton, Mass.	Drs. O. W. & A. C. Cobb&MacDonald
Thomas Folwell Cole	Romulus	Dr. J. Denniston
John Isaac Cotter	Poughkeepsie	Dr. J. H. Cotter and A. Vander Veer
Marcus Albert Curry	Johnsonville	Drs. W. F. Shaw and F. M. Joslin
Arthur Thomas Davis	Utica	Dr. E. D. Fuller
William Sebastian De La Hoyde	Brooklyn	Dr. J. R. Quinn
Bransen Keemper De Voe	Albany	Dr. T. O. Keator
Malcolm Douglas, A. B.	Albany	Dr. A. Vander Veer
Thomas Joseph Dowd	Cohoes	Dr. John Archibold
Silas Lorenzo Filkins	Albany	Drs. S. R. Morrow and W. O. Stillman
Leland Delos Fosbury, A. B.	Sidney	Dr. G. A. McKinnon
Joseph Nicholas Bennett Garlick	Albany	Dr. G. T. Moston
William Entwistle Garlick	Fall River, Mass.	Dr. G. T. Moston
Charles Erastus Green M. D.	Brooklyn	Dr. J. S. J. Manning
Everal Caleb Haviland	Wolcott	Dr. J. V. Hennessy
Harold Eliphalet Hoyt, A. B.	Cambridge	Dr. A. H. Traver
George John Jennings	Ballston Spa	Dr. F. W. St. John
William George Keens	Albany	Drs. N. L. Eastman and A. Vander Veer
Arthur Charles Kline	Port Leyden	Drs. W. H. Johnston and C. H. Richardson
George Spencer Lape	Mechanicville	Drs. Van Doren and H. J. Lipes
Harry Lovejoy Loop	Cohoes	Drs. J. U. Haynes and C. S. Prest
*William Thomas Manion	Waterford	Dr. D. W. Houston
†Walter Mott, M. D.	Watervliet	Albany Medical College
Dennis Alphonsus Murphy	Gloversville	Drs. A. C. Hagedorn and A. MacFarlane
Robert Joseph O'Brien, Jr., B. S.	Watervliet	Dr. G. B. Grady
Daniel Vincent O'Leary, Jr.	Albany	Drs. D. V. O'Leary and A. Vander Veer
Joseph Day Olin, A. B.	Watertown	Dr. H. L. K. Shaw
John Hendry Reid	Troy	Dr. C. B. Herrick
Burt Luverne Shaw, Ph. G.	Troy	Dr. Edgar Zeh
Benjamin John Singleton	Glens Falls	Drs. D. J. Fitzgerald and W. G. MacDonald
Edward Augustine Stapleton	Hoosick Falls	Drs. W. G. Tucker and A. W. Elting
Arthur Wesley Thomas	Middle Granville	Drs. A. J. Thomas and T. W. Jenkins
Chester Erastus Hidley Tracy	Troy	Drs. Coburn, Fallon and Vander Veer
Richard Henry Van Denburg	Medway	Drs. MacDonald, Hale and Vander Veer
Frank Barton Wheeler	Troy	Dr. H. C. Gordinier
Frank Edward White	Union	Drs. Hardy, Lomax and Hale
George David Wilde	Cranesville	Dr. Archibald Gilbert
Guy Vail Wilson	Masonville	Drs. C. S. Butler, Tucker and Ward
Maurice Wolkowitz Wolff	New York	Dr. Herman Bendell
Trevor Crandall Yates	New Lisbon	Drs. W. W. Hall and G. E. Lochner

*Matriculant only
†Special course

Third Year

NAME	RESIDENCE	PRECEPTOR
Kenneth Daniel Blackfan	Cambridge	Drs. H. S. Blackfan and C. B. Herrick
Homer Andrew Bushnell	North Adams, Mass	Dr. H. Bushnell
George Morris Casey	Schuylerville	Drs. W. S. Donnelly and J. V. Hennessy
Archie Bert Chappelle	Kingston	Dr. G. H. Van Gaasbeek
Arthur Preston Clark	Albany	Dr. A. Vander Veer
Kenn Romeo Coffin	Cooperstown	Dr. B. W. Dewar
Miles Jacob Cornthwaite	Troy	Drs. H. E. DeFreest and D. W. Houston
John Henry Famian Coughlin	Troy	Drs. Love, Houston and E. A. Vander Veer
Walter Allen Cowell, A. B.	Albany	Drs. T. K. Perry and A. Vander Veer
John Dixon Crane	Hawley, Pa	Dr. T. S. Parker
Orrel Charles Curtis	South Egremont, Mass	Dr. C. S. Chapin
Theodore David Dockstader	Sharon Center	Drs. H. L. Odell and H. J. Lipes
Patrick John Donahoe	Albany	Drs. J. H. Maguire and W. H. Happel
William Mulvihill Dwyer	Amsterdam	Dr. H. M. Hicks
John Peter Faber	Albany	Dr. J. J. Glover
Fred Edward Gremore Flanagan	St. Regis Falls	Drs. D. Moody and W. A. Wardner
Thomas Joseph Flynn	Johnstown	Dr. E. C. Podvin
Perlia Elijah Garlock	Sprakers	Drs. A. V. Klock and W. G. Lewi
William Joseph Garvey	Troy	Drs. J. M. Donnelly and M. S. Leavy
Charles William Louis Hacker	Albany	Drs. C. G. Hacker and W. G. MacDonald
Walter Ennis Hays, A. B.	Albany	Drs. G. T. Moston and A. Vander Veer
Chester Alan Arthur Hemstreet	Waterford	Drs. Edgar Zeh and F. M. Sulzman
Thurman Alson Hull	Williamstown, Mass	Drs. J. B. Hull and J. F. Rooney
Lemuel Rankins Hurlbut	Troy	Dr. R. F. Benson
Frank James Hurley	Bennington, Vt	Dr. J. A. Stevenson
Matthew Joseph Keough	Cohoes	Dr. J. H. Mitchell
Oscar Franklin Larson	Poultney, Vt	Drs. E. D. Ellis and S. B. Ward
Edward Miltimore	Catskill	Dr. Dean Miltimore
Francis Joseph Noonan	Troy	Drs. C. E. Nichols and C. F. Kivlin
George Washington Papen, Jr	Albany	Dr. G. W. Papen
Herbert Bowen Reece	Troy	Drs. D. W. Houston and S. R. Morrow
William Garfield Rommel	Troy	Dr. J. P. Marsh
Henry Stanton Rowe, Jr., A. B	Cohoes	Drs. C. E. Carruth and A. Vander Veer
Harry Rulison	Albany	Drs. A. H. Traver and H. J. Lipes
Frank George Schaible	Albany	Drs. S. R. Morrow and W. G. Tucker
John Ralph Schermerhorn	Randall	Drs. O. Z. Bouton, Traver and Vander Veer
Frederick Foster Schirck	Saratoga Springs	Dr. B. J. Murray
Arthur Hamilton Schuyler	Fonda	Drs. F. I. Jansen and A. Vander Veer
Francis Joseph Scott	Cohoes	Drs. C. E. Witbeck and J. L. Archambault
Benjamin Franklin Seaman	Matteawan	Albany Medical College
Hamilton Munn Southworth	Nassau	Drs. J. B. Southworth and T. A. Ryan
Charles William Stratton	Lee, Mass	Dr. H. M. Smith
Charles Clark Sweet	Petersburg	Drs. H. C. Gordinier and J. F. Rooney
James Harvey Van Buren	Jefferson	Drs. R. Hubbell and W. S. Hale
Edward Hellis Vines	Saratoga Springs	Drs. J. V. Hennessy and W. G. Tucker
George Walrath	St. Johnsville	Dr. Adam Walrath
Alfred Le Roy Warner	Troy	Drs. H. E. DeFreest and B. J. Ward
Roscoe Conkling Waterbury	Nassau	Drs. E. E. Reichard and A. H. Traver
James Watson White	Wappingers Falls	Drs. Howell White and J. M. Moore
Edwin Barnes Wilson, A. B.	Hudson	Drs. Thomas Wilson, Vander Veer & MacDonald

Second Year

Henry Franz Albrecht	Troy	Dr. W. W. Seymour
Fred Nicholas Bibby	Pottersville	Drs. E. Bibby and W. G. Tucker
John Breen	Wevertown	Dr. Lee Summerville

NAME	RESIDENCE	PRECEPTOR
Roy Munro Collie	Johnstown	Dr. E. C. Podvin
Morey Charles Collier, Ph.B	Savona	Dr. H. S. Gillette
Charles Elisha Collins, Ph.G	Troy	Dr. J. B. Harvie
Frederic Charles Conway	Albany	Drs. J. M. Moore and S. B. Ward
Adelbert Stephen Dederick	Cohoes	Drs. E. W. Becker and W. E. Lothridge
**William Charles Dievendorf	Currytown	Dr. F. D. Vickers
Theobald Frederick Doescher	Albany	Dr. A. H. Traver
Lee Roy Dunbar	Gloversville	Dr. A. C. Hagedorn
Willis Woodford Dutcher	Albany	Dr. G. E. Lochner
Vernon R. Ehle	Gloversville	Dr. W. C. Wood
Hermon Ernest Gak	Fairmount	Drs. J. W. Knapp and W. G. Tucker
George Reinhold Goering	Utica	Dr. E. D. Fuller
Stowell Burroughs Grant	Afton	Drs. C. S. Butler and C. G. Hacker
Percival William Harrig	Albany	Drs. F. L. Classen and C. H. Richardson
Joseph Friend Harris	Albany	Drs. Lomax, Hailes and MacFarlane
Clinton Benjamin Hawn, B.S	Albany	Dr. F. R. Green
Samuel Orestes Kemp	Albany	Dr. G. T. Moston
Winfield Snell Kilts	Fort Plain	Dr. F. V. Brownell
William Andrew Krieger	Poughkeepsie	Dr. W. S. Ackert
Price Lewis	Holland Patent	Dr. L. D. Hews
James Edward Maloney	Albany	DrS. M. S. Leavy and E. A. Vander Veer
Floyd Dempster Michael	Lassellsville	Dr. C. M. Klock
David Cushing Nolan	Albany	D. J. M. Bigelow
Irving Deyo Pell	Hudson	Drs. C. E. Fritts and Thomas Wilson
Charles Albert Prescott	North Creek	Dr. James L. Fuller
Walter Ancel Reynolds	Albany	Dr. A. H. Traver
John Fletcher Robinson	Albany	Drs. A. Vander Veer and H. L. K. Shaw
Willis Nelson Simons	Canajoharie	Dr. F. E. Simons
Lemon Dwight Washburn	Fort Ann	Drs. Rowe, Traver and Vander Veer
Edward Gove Whipple	Malone	Dr. H. E. Lomax

First Year

Charles Sanford Allen, Jr	Rensselaer	Dr. C. S. Allen
Floyd Jerome Atwell	Oaksville	Dr. J. W. Jennings
*John Adkins Battin	Watervliet	Dr. H. E. Battin
George Warren Beebe	Johnstown	Dr. Frank Beebe
Joseph Lewi Bendell, A. B	Albany	Drs. Bendell, Vander Veer and MacDonald
Edward George Benson	Albany	Dr. J. V. Hennessy
William Arthur Bing	Castleton	Drs. C. H. Richardson and A. W. Elting
*William James Bolton	Poughkeepsie	Dr. W. G. Tucker
Howard Philip Carpenter	Highland	Drs. J. E. Ladlin and G. S. La Moree
William David Collins, A. B	Green Island	Drs. M. Keenan and W. N. Campaigne
Erastus Corning, A.B	Albany	Dr. S. B. Ward
Marcus Denis Cronin	Wilton	Dr. S. M. Roods
Walter Thomas Diver	Troy	Dr. J. B. Harvie
Joseph Lewi Donhauser	Albany	Drs. A. W. Elting and W. G. Lewi
Alfred Thomas Gabriels, A. B	Watervliet	Dr. P. J. Keegan
Louis Herbert Gaus	Albany	Dr. A. Sautter
Edward Cochran Gow	Schuylerville	Drs. F. F. Gow and A. W. Elting
Alfred Woodward Grover	Kingston, Pa	Dr. J. B. Grover
Alejandro Buitrago Guilliod	Guayama, Porto Rico	Dr. F. H. Greene
Augustus Joseph Hambrook, Jr	Cohoes	Drs. J. P. Prendergast and W. G. MacDonald
James Edward Hourigan	Schenectady	Dr. C. G. McMullen
Charles Mc Manus Hynes	Troy	Drs. M. Keenan and C. F. Kivlin
Edward William Jackson	Little Falls	Dr. G. L. Evelith

*Matriculant only.

**Part of course.

NAME	RESIDENCE	PRECEPTOR
Dean Wardell Jennings	Cairo	Dr. L. B. Honeyford
Clarence Robert Kay	Amityville	Dr. H. R. Powell
Roy Charles Keigher	Schenectady	Dr. H. A. Bryant
David Kidd	Troy	Dr. James Love
Richard Andrew Lawrence, A B	Albany	Dr. D. V. O'Leary
Tiffany Lawyer	Albany	Dr. J. M. Moore
Jacob Henry Linden	Sharon Springs	Dr. S. L. Dawes
Robert Suttenfield Lipes	Nassau	Drs. H. J. Lipes and M. D. Lipes
John Sears McCormack	Albany	Drs. W. Hailes and W. G. MacDonald
Zenas Van Duzen Orton	Northampton	Dr. D. S. Orton
*Lyman C. Pettit	Saratoga Springs	Dr. M. L. Varney
William Clare Porter	Lestershire	Drs. S. P. Allen and W. H. Wilson
*James William Rafferty, A. B	Troy	Dr. J. Lyons
Stephen John Henry Reed	Schenectady	Dr. P. T. Markey
**Francis Raymond Riley	Cohoes	Drs. J. L. Archambault and C. B. Herrick
**William Fiero Russell	Saugerties	Drs. S. L. Dawes and C. T. Montgomery
James Joseph Shea	Hoosick Falls	Dr. C. E. Shaw
**Robert Thomas Skelton	Kingston	Drs. H. D. Cochrane and W. G. MacDonald
Henry Swedlow	Albany	Dr. W. S. Bristol
William Carl Treder	Albany	Dr. A. J. Blessing
*Irving Blaine Walker	Schenectady	Drs. J. H. Gutmann and F. F. Burtis
Herbert John Wright	Rhinebeck	Drs. M. M. Lown and A. H. Traver

*Matriculant only.
**Part of course.

Summary

Fourth Year Class	45
Third Year Class	50
Second Year Class	33
First Year Class	45
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GRADUATES OF 1904

Commencement Exercises Held at Odd Fellows' Hall, Tuesday, May 3, 1904

NAME	RESIDENCE
Palmer Romaine Bowdish	Cornwall-on-Hudson, N. Y.
George Lay Branch	East Springfield, N. Y.
Charles William Chapin	Unadilla Centre, N. Y.
Guy Forsythe Cleghorn	Green Island, N. Y.
Chester Thompson Cobb	Easthampton, Mass.
Thomas Folwell Cole	Romulus, N. Y.
John Isaac Cotter	Poughkeepsie, N. Y.
Marcus Albert Curry	Voorheesville, N. Y.
Arthur Thomas Davis	Utica, N. Y.
William Sebastian De La Hoyde	Brooklyn, N. Y.
Bransen Keemper De Voe	Albany, N. Y.
Malcolm Douglas, A. B.	Albany, N. Y.
Thomas Joseph Dowd	Cohoes, N. Y.
Silas Lorenzo Filkins	Albany, N. Y.
Leland Delos Fosbury, A. B.	Sidney, N. Y.
Joseph Nicholas Bennett Garlick	Albany, N. Y.
William Entwistle Garlick	Fall River, Mass.
Everal Caleb Haviland	Wolcott, N. Y.
Harold Eliphalet Hoyt, A. B.	Cambridge, N. Y.
George John Jennings	Ballston Spa, N. Y.
William George Keens	Albany, N. Y.
Arthur Charles Kline	Port Leyden, N. Y.
George Spencer Lape	Mechanicville, N. Y.
Harry Lovejoy Loop	Cohoes, N. Y.
Dennis Alphonsus Murphy	Gloversville, N. Y.
Robert Joseph O'Brien, Jr., B. S.	Watervliet, N. Y.
Daniel Vincent O'Leary, Jr.	Albany, N, Y.
Joseph Day Olin, A. B.	Watertown, N. Y.
John Hendry Reid	Troy, N. Y.
Burt Luverne Shaw, Ph. G.	Troy, N. Y.
Benjamin John Singleton	Glens Falls, N. Y.
Edward Augustine Stapleton	Hoosick Falls, N. Y.
Arthur Wesley Thomas	Middle Granville, N. Y.
Chester Erastus Hidley Tracy	Troy, N. Y.
Richard Henry Van Denburg	Albany, N. Y.
Frank Barton Wheeler	Troy, N. Y.
Frank Edward White	Union, N. Y.
George David Wilde	Cranesville, N. Y.
Guy Vail Wilson	Masonville, N. Y.
Maurice Wolkowitz Wolff	New York. N. Y.
Trevor Crandall Yates	New Lisbon, N. Y.

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PRIZES AND HOSPITAL APPOINTMENTS

1904

Vander Poel prize, for best bedside examination in general medicine, to Dr. Joseph N. B. Garlick.

Vander Veer-Macdonald prize, for best report of surgical clinics, to Dr. Richard H. Van Denburg.

Hailes-Morrow prize for second best report, to Mr. William G. Keens.

Merrill prize, for best report of eye and ear clinics, to Dr. Frank E. White.

Townsend prize, for best examination in physiology at end of first year of study, to Mr. Erastus Corning.

Boyd prize, for best final examination in obstetrics, to Dr. Harold E. Hoyt.

Nellis prize, for best final senior examination, to Dr. Harold E. Hoyt.

Powell prize, for best final third year examination, to Mr. Charles W. L. Hacker.

Huested prize, for best final first year examination, to Mr. Erastus Corning.

Daggett trust prizes, for best anatomical preparations, to Dr. Richard H. Van Denburg.

Daggett trust prizes, for best deportment, first to Dr. Bransen K. De Voe; second to Dr. Leland D. Fosbury.

Appointed Essayist for 1905, Mr. Charles W. L. Hacker; Alternate, Mr. Frederick F. Schirck.

Albany Hospital Appointments.—Drs. Joseph N. B. Garlick, William E. Garlick, Joseph D. Olin, Edward A. Stapleton, Malcolm Douglas and John I. Cotter.

St. Peter's Hospital.—Drs. Benjamin J. Singleton and Richard H. Van Denburg.

Hartford General Hospital.—Dr. Chester T. Cobb.

Samaritan Hospital, Troy.—Dr. Frank B. Wheeler.

Ellis Hospital, Schenectady.—Drs. Harold E. Hoyt and Frank E. White.

MEDICAL STUDENT EXAMINATIONS

FROM LAWS OF 1893, CH. 661, AS AMENDED IN 1895, 1896, 1901 AND 1902

To provide for the preliminary education of medical students:

The degree of bachelor or doctor of medicine shall not be conferred in this state before the candidate has filed with the institution conferring it the certificate of the regents that before beginning the first annual medical course counted toward the degree unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents medical student certificate, granted before this act took effect; or had passed regents examinations as hereinafter provided. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 12 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree. Students who had matriculated in a New York medical school before June 5, 1890, and students who matriculated in a New York medical school before May 13, 1895, as having entered before June 5, 1890, on the prescribed three years study of medicine, shall be exempt from this preliminary education requirement.

A medical student certificate may be earned without notice to the regents of the conditional matriculation either before the student begins the second annual medical course counted toward the degree or two years before the date of the degree for matriculates in any registered medical school, in the four cases following:

1. For matriculants prior to May 9, 1893, for any 20 counts, allowing 10 for the preliminaries, not including reading and writing;

2. For matriculants prior to May 13, 1895, for arithmetic, elementary English, geography, spelling, United States history, English composition and physics, or any 50 counts, allowing 14 for the preliminaries;

3. For matriculants prior to January 1, 1896, for any 12 academic counts (regents examinations only);

4. For matriculants prior to January 1, 1897, for any 24 academic counts (regents examinations only).

But all matriculants, after January 1, 1897, must secure 48 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally, as hereinbefore specified, when the deficiency must be made up before the student begins the second annual medical course counted toward the degree.

Notes on the Law

1. For matriculates prior to January 1, 1897, medical schools are not required to furnish notice of conditional matriculation, and such students

may make up the full requirement at any time before beginning the second annual course counted toward the degree, or two years before the date of the degree.

All matriculates after January 1, 1897, must secure 48 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 12 academic counts and must be made up before the student begins the second annual course counted toward the degree.

a. Partial equivalents may be accepted for the medical student certificates; i. e., evidence of completion in a registered school of one or more full years of high school work and regents examinations in additional subjects representing the balance of the required four-year course.

b. Regents examinations in the second or third year of any language course will be accepted as including the preceding years in those courses.

c. Candidates unable to offer certificates of the required academic work in a registered institution may present evidence to the regents that they had the required preliminary education before beginning the second annual course counted toward the degree, and may on passing regents' examinations receive their certificates as of the date when the preliminary work was completed.

2. The regents will accept as fully equivalent to the required academic course any one of the following:

(*a*) A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(*b*) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course.

(*c*) Regents' passcards for any 48 academic counts or any regents' diploma.

(*d*) A certificate of graduation from any registered school in Germany, Austria, Russia.

(*e*) Any credentials from a registered institution or from the Government in any state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

Extracts from Rules

Order of studies.—There is no restriction in the order in which studies may be taken.

Time limit.—There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credentials may be passed at different examinations.

Seventy-five per cent. of correct answers is required in all subjects.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates.

Candidates not attending schools in which regents' examinations are

held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Certificates without examinations.—Candidates having credentials which can be accepted in place of an examination, should send them to the High School department. If accepted the proper certificates will be sent.

Sample papers.—Unbound sample papers can be had for 10 cents for not exceeding ten subjects. The exact ground covered by these examinations is shown in the *Regents' academic syllabus,* which is mailed prepaid for 25 cents.

Medical Student certificate.—When all requirements are fulfilled, the regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their value.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to Examinations Division, University of the State of New York, Albany, N. Y., and not to this college.

Dates of Regents' Examinations for the academic year 1904-1905: 1904, September 27-29; 1905, January 23-27, March 29-31, June 12-16.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Division, University of the State of New York Albany, N. Y.

REQUIREMENTS FOR LICENSE TO PRACTICE MEDICINE IN NEW YORK STATE

All requirements for admission should be completed at least one week before examinations.—They are as follows:

1. Evidence that applicant is more than 21 years of age (Form 1).

2. Certificate of moral character from not less than two physicians in good standing (Form 1).

3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state; 36 counts or equivalent before beginning first medical year, 48 counts or equivalent before beginning the second (Medical student certificate. See examination handbook No. 3).

4. Evidence that applicant has studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of at least six months each, in four different calendar years in a medical school registered as maintaining at the time, a satisfactory standard. New York medical schools and New York medical students shall not be discriminated against by the registration of any medical school out of the state, whose minimum graduation standard is less than that fixed by statute for New York medical schools.

The increase in the required course of medical study from three to four years took effect January 1, 1898, and applies to students who matriculate after that date and receive the degree of M. D., after January 1, 1902, (Form 1).

First exemption: "The regents may in their discretion accept as the equivalent for any part of the third and fourth requirement, evidence of five or more years reputable practice of medicine, provided that such substitution be specified in the license," and as equivalent of the first year of the fourth requirement, evidence of graduation from a registered college course provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

5. Evidence that applicant "has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full right to practice medicine in some foreign country." (Form 2 or original credentials.)

6. The candidate must pass examinations in anatomy, physiology and hygiene, chemistry, surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica. The questions "shall be the same for all candidates except that in therapeutics, practice and materia medica all the questions submitted to any candidate shall be chosen from those prepared by the board selected by that candidate and shall be in harmony with the tenets of that school as determined by its state board of medical examiners."

Second exemption: "Applicants examined and licensed by other state examining boards registered by the regents as maintaining standards not lower than those provided by this article, and applicants who matriculated in a New York state medical school before June 5, 1890, and who received the degree M. D. from a registered medical school before August 1, 1895, may without further examination, on payment of $10 to the regents and on submitting such evidence as they may require, receive from them an indorsement of their licenses or diplomas, conferring all rights and privileges of a regents' license issued after examination."

7. A fee of $25 payable in advance.

8 In 1901 the medical law was amended, giving the regents power to admit conditionally to the licensing examinations in anatomy, physiology and hygiene, and chemistry, applicants certified as having studied medicine not less than two full years of at least nine months each, including two satisfactory courses of at least six months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are more than nineteen years of age, of good moral character, have the requisite preliminary education and pay the fee of $25; the final examinations in surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica, to be met after having finished the full period of study and having received the medical degree.

Notes on the Law

1. Seventy-five per cent. of correct answers is required in all subjects.
2. All subjects must be passed at the same examination.

NOTE—When a candidate for license has been rejected in but *one* topic and his total average in other six topics is at least 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

Medical Examinations

Examinations for license to practice medicine in this state will be held as follows:

DATES		PLACES
1904	1905	New York
June 21-24	Jan. 24-27	Albany
Sept. 27-30	May 16-19	Syracuse
	June 20-23	Buffalo
		Each candidate is notified as to exact place.

Address all communications relating to State licenses and examinations to Examinations Division, University State of New York, Albany, N. Y., and not to this College.

Daily Program

	Morning 9:15	Afternoon 1:15
Tuesday	Anatomy	Physiology and hygiene
Wednesday	Chemistry	Surgery
Thursday	Obstetrics	Pathology and diagnosis
Friday	Therapeutics	

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the Capitol, State Law library, Law courts, etc.

With the term ending June 1, 1904, the school completed its fifty-third year. Since its establishment upwards of four thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL. B. is two years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 27, 1904.

For catalogues or further information, address

Albany Law School,
Albany, N. Y.

W. R. Davidson, *Secretary.*

DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. In 1874 it became, by act of the legislature, a department of Union University. It is located on Lake avenue, southwest of Washington Park. Visitors are admitted only on Tuesday evenings, from 8 o'clock to 10, and on passes obtained from the members of the Board of Trustees.

Instructions are given special students.

For further information, address

PROFESSOR LEWIS BOSS, A. M.,
Director of the Dudley Observatory,
Albany, N. Y.

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

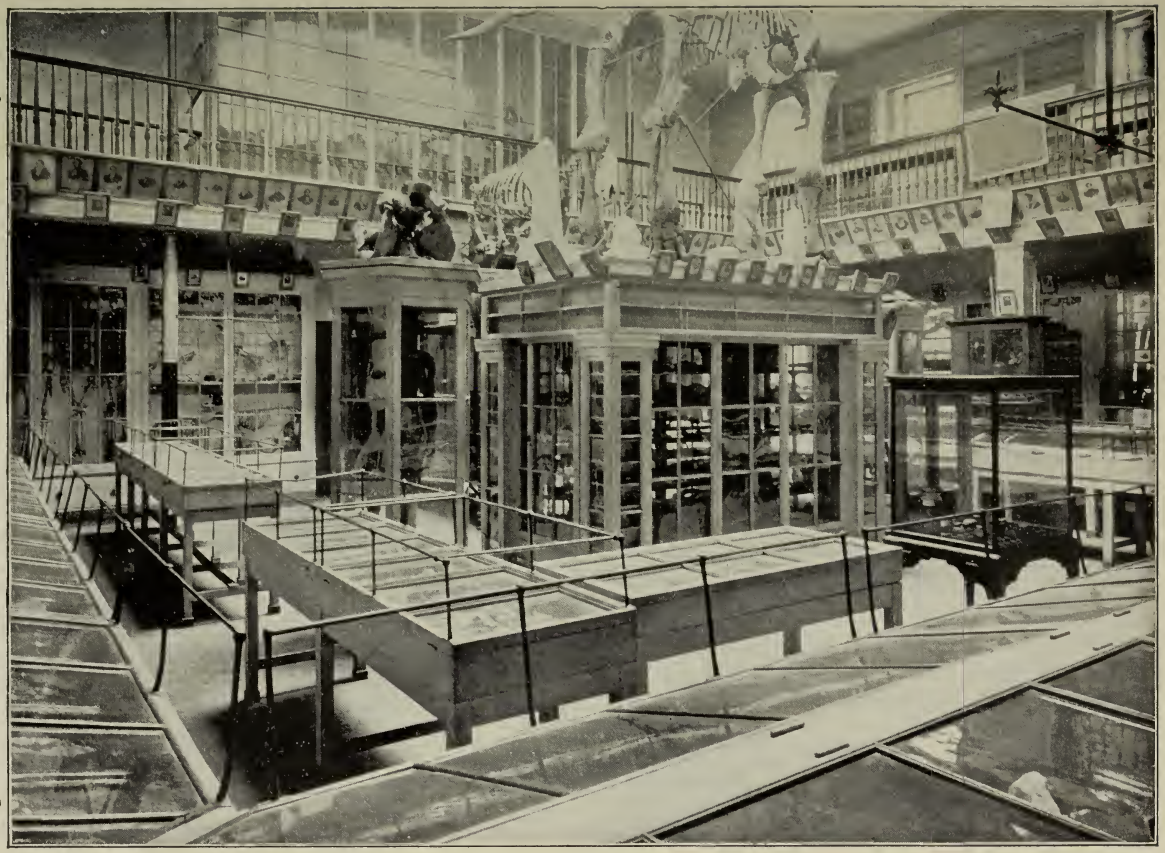
The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of graduate nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured and in midwifery under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of Nurses enter upon the regular course of study.

No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. An allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address

MISS EMILY MACDONNELL,
Superintendent of Nurses,
Albany Hospital, Albany, N. Y.



ANATOMICAL MUSEUM

THE ALBANY HOSPITAL
Incorporated 1849

UNION COLLEGE

The college offers to students courses leading to the degrees of A. B., B. S., Ph. B., B. E. There is a department of physical training.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismission and pass satisfactory examination.

The fee for tuition is $25 a term, payable in advance; room rent $40 to $60 a year additional. Board costs $3 to $4 a week. Scholarships exist yielding some remission on term bill. Commencement occurs always on the second Wednesday of June. Fall term of 1904 begins September 15. Entrance examinations are held on the three days following Commencement and preceding the opening of the fall term.

For catalogue address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF ENGINEERING

Three courses in Engineering are offered, viz.: A general Civil Engineering course, which is intended to give the basis of an Engineering education, including the fundamental principles of all special branches of the profession, a knowledge of both French and German, and a course in English; a special course in Sanitary Engineering, which differs from the general course in substituting special work in Sanitary Engineering for some of the general Engineering studies; and a course in Electrical Engineering. In the latter course the students are given valuable opportunities for observation, inspection and participation in practical work, by reason of privileges extended by the General Electric Company of Schenectady.

The Degree of Bachelor of Engineering is given for the successful completion of any one of these courses.

In the department of Electrical Engineering, a Graduate course of one year is given, leading to the degree of Electrical Engineer.

The thoroughness and completeness of the course of instruction, the opportunities and arrangements for practice, and the moderate charges ($25 per term) commend the school to those contemplating the engineering profession.

For catalogue or special information regarding the Department of Civil and Sanitary Engineering, address,

OLIN H. LANDRETH, Schenectady, N. Y.

For catalogue and special information regarding the Department of Electrical Engineering, address,

CHARLES P. STEINMETZ, Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1904-1905

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The twenty-fourth session will open on Monday, October 3, 1904, and close March 28, 1905. The exercises of the college are held in the Albany Medical College building on Eagle street and in the Pharmaceutical Laboratory on Maiden Lane.

The following constitute the faculty:

WILLIS G. TUCKER, M. D., PH. D., F. C. .S., Dean,
Professor of Chemistry.

ALFRED B. HUESTED, M. D., Ph. G.,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, Ph. G.,
Emeritus Professor of Pharmacy.

GARRETT V. DILLENBACK, Ph. G.,
Associate Professor of Pharmacy.

THEODORE J. BRADLEY, B. S., Ph. G.,
Lecturer on Physics and Pharmaceutical Mathematics and Instructor in Chemistry.

EDWIN C. HUTMAN, Ph. G.,
Director of Pharmaceutical Laboratory.

ARTHUR T. LAIRD, M. D.,
Instructor in Microscopy.

JAMES E. HUESTED,
Instructor in Materia Medica and Pharmacognosy.

Two year graded course. Instruction by lecture, recitation and practical laboratory work. Curriculum includes theoretical and applied Chemistry and Pharmacy, Materia Medica, Botany, Microscopy, Mathematics and Physics.

A systematic course in pharmaceutical laboratory work is pursued, and the college is well equipped to impart thorough instruction in pharmacy and its kindred branches. Candidates for the degree of *Graduate in Pharmacy* (*Ph. G.*) must attend two full sessions, be at least twenty-one years of age, and pass the required examinations. They must also have served at least four years with some reputable pharmacist.

FEES:

The fees are $75 per year, with no incidentals, excepting a laboratory deposit of $2.

For catalogues or further information, address,

THEODORE J. BRADLEY, Ph. G., *Secretary,*
4 Lancaster Street, Albany, N. Y.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE

INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 2,490. Names and addresses upon the roll, 1,510. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

OFFICERS FOR 1904

President—Dr. JOHN H. COTTER ('78), Poughkeepsie, N. Y.
Vice-Presidents—Dr. THOMAS P. SCULLY ('85), Rome, N. Y.
Dr. LUMAN B. RULISON ('84), Watervliet, N. Y.
Dr. ALONZO T. POWELL ('89), Coeymans, N. Y.
Dr. W. IRVING GOEWEY ('92), Albany, N. Y.
Dr. FREDERIC W. LOUGHRAN ('90), New York City.
Recording Secretary—Dr. J. MONTGOMERY MOSHER ('89), Albany, N. Y.
Corresponding Secretary—Dr. ANDREW MACFARLANE ('87), Albany, N. Y.
Treasurer—Dr. ROBERT BABCOCK ('84), Albany, N. Y.
Historian—Dr. EUGENE E. HINMAN ('99), Albany, N. Y.
Executive Committee—
Dr. JAMES F. BARKER ('77), Albany, N. Y.
Dr. THOMAS WILSON ('74), Hudson, N. Y.
Dr. EDGAR A. VANDER VEER ('98), Albany, N. Y.
Dr. GEORGE E. LOCHNER ('88), Albany, N. Y.
Dr. WILLIAM J. NELLIS ('79), Albany, N. Y.
Dr. ALVAH H. TRAVER ('98), Albany, N. Y.
Dr. CLEMENT F. THEISEN ('92), Albany, N. Y.
Dr. JAMES F. ROONEY ('98), Albany, N. Y.
Dr. JOHN F. REILLY ('83,), Rensselaer, N. Y.
Dr. LEO H. NEUMAN ('92), Albany, N. Y.
Dr. HENRY L. K. SHAW ('96), Albany, N. Y.
Dr. JAMES W. WILTSE ('91), Albany, N. Y.
together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex officio*.

The next annual meeting will be held in the college building on Tuesday, May 2, 1905. So far as their addresses can be ascertained all graduates of the college are notified of the annual meetings through the mail. Those who do not receive such notice regularly are requested to furnish the recording secretary with their addresses and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. Robert Babcock, Treasurer, 102 Lancaster street, Albany, N. Y.

JOHN H. COTTER, M. D., *President.*

J. MONTGOMERY MOSHER, M. D., *Recording Secretary,*
170 Washington Avenue, Albany, N. Y.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF THE CITY OF NEW YORK

Organized 1895

OFFICERS FOR 1904

President—Dr. THOMAS H. WILLARD ('87), New York City.
Vice-Presidents—Dr. GEORGE H. BAKER ('86), Long Branch, N. J.
Dr. AMASA P. MUIR ('96), New York City.
Secretary—Dr. CHARLES GARTNER ('95), 257 Humboldt Street, Brooklyn, N. Y.
Treasurer—Dr. JOSIAH HASBROUCK, Jr. ('85), Kingston, N. Y.
Governors—
Dr. ARTHUR J. CAPRON ('94), New York City.
Dr. JAMES J. ALEXANDER ('71), New York City.
Dr. JOHN H. COTTER, 2d. ('94), Pine Plains, N. Y.
Dr. FRED B. WEAVER ('98), Hyde Park, N. Y.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF CENTRAL NEW YORK

Organized 1901

OFFICERS FOR 1904

President—Dr. MERRITT B. FAIRCHILD ('68), Syracuse, N. Y.
Vice-Presidents—Dr. ARTHUR C. HAGEDORN ('92), Gloversville, N. Y.
Dr. OTIS H. DECK ('94), Herkimer, N. Y.
Dr. LE ROY F. HOLLIS ('93), Lacona, N. Y.
Dr. WARD E. HUNT ('93), Little Falls, N. Y.
Dr. ISRAEL M. SLINGERLAND ('83), Fayetteville, N. Y.
Dr. WILLIAM T. HUDSON ('99), Auburn, N. Y.
Secretary—Dr. FREDERICK H. BREWER ('78), Utica, N. Y.
Treasurer—Dr. AMOS W. HEDDEN ('93), Syracuse, N. Y.

Meeting of 1904 will be held in Syracuse, September 28.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION OF NEW ENGLAND

Organized 1899

OFFICERS FOR 1904

President—Dr. THOMAS D. CROTHERS ('65), Hartford, Conn.
Secretary—Dr. WALTER G. MURPHY ('90), East Hartford, Conn.
Treasurer—Dr. JOHN O'FLAHERTY ('64), Hartford, Conn.
Delegates—The President, Secretary and Treasurer.

HOSPITALS

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students:

Albany Hospital

New Scotland Avenue

MEDICAL AND SURGICAL STAFF

Consulting Physician
SAMUEL H. FREEMAN, M. D.

Consulting Obstetrician
JAMES P. BOYD, M. D.

Consulting Physician, Throat and Nose
JOHN M. BIGELOW, M. D.

Consulting Surgeon
WILLIAM HAILES, M. D.

Surgeon-in-Chief
ALBERT VANDER VEER, M. D.

Attending Physicians
SAMUEL B. WARD, M. D.
HENRY HUN, M. D.
JOSEPH D. CRAIG, M. D.
HOWARD VAN RENSSELAER, M. D.

Attending Surgeons
SAMUEL R. MORROW, M. D.
WILLIS G. MACDONALD, M. D.
EDGAR A. VANDER VEER, M. D.
ARTHUR W. ELTING, M. D.

Attending Specialists
CYRUS S. MERRILL, M. D., Eye and Ear
HERMAN BENDELL, M. D., Eye and Ear
JAMES P. BOYD, M. D., Gynecology
FREDERIC C. CURTIS, M. D., Dermatology
EZRA A. BARTLETT, M. D., Electricity
ARTHUR G. ROOT, M. D., Throat and Nose
J. MONTGOMERY MOSHER, M. D., Mental Diseases
LEO H. NEUMAN, M. D., Stomach and Intestines

Obstetric Surgeons
G. EMORY LOCHNER, M. D.
WILLIAM H. HAPPEL, M. D.

Assistant Attending Physician
LEO H. NEUMAN, M. D.

Assistant Attending Surgeon
ALVAH H. TRAVER, M. D.

Assistant Attending Ophthalmic and Aural Surgeon
CHARLES H. MOORE, M. D.

Assistant Attending Physician in Department of Skin
ARTHUR SAUTTER, M. D.

Dispensary Physicians
LEO H. NEUMAN, M. D.
WILFRED S. HALE, M. D.
WILLIAM G. LEWI, M. D.
GEORGE E. LOCHNER, M. D.
THOMAS W. JENKINS, M. D.
J. MONTGOMERY MOSHER, M. D.
MARTIN MACHARG, M. D.
WILLIAM H. GEORGE, M. D.
ARTHUR SAUTTER, M. D.
ANDREW MACFARLANE, M. D.
HENRY L. K. SHAW, M. D.

Pathologist
RICHARD M. PEARCE, M. D.

Chief of Medical Clinic
JAMES F. ROONEY, M. D.

Dentist
LEROY S. BLATNER, D. D. S.

Resident Physicians and Surgeons
ARCHIBALD J. DOUGLAS, M. D.
JOSEPH N. B. GARLICK, M. D.
WILLIAM E. GARLICK, M. D.
JOSEPH D. OLIN, M. D.
EDWARD A. STAPLETON, M. D.
MALCOLM DOUGLAS, M. D.
JOHN I. COTTER, M. D.

Pharmacist
ANDREW W. MCLAUGHLIN, PH. G.

Superintendent
JOHN L. GODLEY

Superintendent of Training School
MISS EMILY MACDONNELL

St. Peter's Hospital

Corner Broadway and North Ferry Street

MEDICAL AND SURGICAL STAFF

Consulting Surgeon
PATRICK J. KEEGAN, M. D.

Consulting Physician
T. KIRKLAND PERRY, M. D.

Attending Surgeons
SAMUEL R. MORROW, M. D.
JOHN V. HENNESSY, M. D.
JOHN B. HARVIE, M. D.
CHARLES E. DAVIS, M. D.

Attending Physicians
HENRY HUN, M. D.
HOWARD VAN RENSSELAER, M. D.
ANDREW MACFARLANE, M. D.
TERENCE L. CARROLL, M. D.

Ophthalmic and Aural Surgeons
GEORGE S. MUNSON, M. D.
LEO F. ADT, M. D.

Nose and Throat
CLEMENT F. THEISEN, M. D.

Obstetric Surgeons
JOHN F. REILLY, M. D.
WILLIAM J. WANSBORO, M. D.

Genito-Urinary and Skin Diseases
JAMES W. WILTSE, M. D.

DISPENSARY STAFF

Surgeons
JOSEPH A. COX, M. D.
JOHN F. HEFFERNAN, M. D.
JOHN H. GUTMANN, M. D.

Physicians
JOSEPH P. O'BRIEN, M. D.
WILLIAM H. HAPPEL, M. D.
JOSEPH A. LANAHAN, M. D.

Diseases of Children
HENRY L. K. SHAW, M. D.

Resident Surgeon
BENJAMIN J. SINGLETON

Resident Physician
RICHARD H. VAN DENBURG, M. D.

Child's Hospital

Corner Elk and North Hawk Streets

Surgeon Emeritus
LEWIS BALCH, M. D.

Attending Physicians
THOMAS M. TREGO, M. D.
HENRY HUN, M. D.
(Neurologist)

HOWARD VAN RENSSELAER, M. D.
ANDREW MACFARLANE, M. D.
(St. John's House)

HENRY L. K. SHAW, M. D.
(St. Margaret's House)

Attending Surgeons
SAMUEL R. MORROW, M. D.
ALVAH H. TRAVER, M. D.

CHARLES E. DAVIS, M. D.
ARTHUR W. ELTING, M. D.

Ophthalmic and Aural Surgeons
CYRUS S. MERRILL, M. D.

CHARLES H. MOORE, M. D.

Laryngologist and Rhinologist
CLEMENT F. THEISEN, M. D.

Pathologist
RICHARD M. PEARCE, M. D.

Dermatologist
FREDERIC C. CURTIS, M. D.

Dental Surgeon
DR. FR. G. MICHEL

County Hospital

Physician and Surgeon
JOSEPH H. BLATNER, M. D.

Resident Physician
DENNIS A. MURPHY, M. D.

The South End Dispensary of the Albany Free Dispensary Association

Corner Trinity Place and Westerlo Street

MEDICAL AND SURGICAL STAFF

Consulting Surgeon

ALBERT VANDER VEER, M. D.

Consulting Physician

SAMUEL BALDWIN WARD, M. D.

Consulting Specialist on Dermatology

FREDERIC COLTON CURTIS, M. D.

Attending Surgeons

WILLIS G. MACDONALD, M. D.

CHARLES E. DAVIS, M. D.

WILLIAM H. GEORGE, M. D.

Attending Physicians

LEO H. NEUMAN, M. D.

WILLIAM H. HAPPEL, M. D.

TERENCE L. CARROLL M. D.

Assistant Surgeons

JOHN H. GUTMANN, M. D.

ALVAH H. TRAVER, M. D.

Assistant Attending Surgeons

JOSEPH A. LANAHAN, M. D.

JOSEPH A. COX, M. D.

ARTHUR T. LAIRD, M. D.

JAMES F. ROONEY, M. D.

Attending Specialists

Eye and Ear

LEO F. ADT, M. D.

Genito-Urinary and Skin Diseases

ARTHUR SAUTTER, M. D.

Throat and Nose

ARTHUR G. ROOT, M. D.

LOUIS LE BRUN, M. D.

Diseases of Children

WILLIAM H. HAPPEL, M. D.

Diseases of Stomach and Intestines

LEO H. NEUMAN, M. D.

Dental Surgeon

LEROY S. BLATNER, D. D. S.

Albany's Hospital for Incurables

South Pearl Street

Physicians in Charge

HENRY HUN, M. D.

HOWARD VAN RENSSELAER, M. D.

ANDREW MACFARLANE, M. D.

Consulting Surgeon

SAMUEL R. MORROW, M. D.

Surgeon

WILLIAM H. HAPPEL, M. D.

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1904-05

ALBANY MEDICAL COLLEGE

Register of Students

1904-1905

ANNOUNCEMENT FOR SESSION

1905-'06

MEDICAL DEPARTMENT OF UNION UNIVERSITY

CATALOGUE

OF THE

ALBANY MEDICAL COLLEGE

74th SESSION, 1904-1905

AND

ANNOUNCEMENT FOR SESSION 1905-1906

ALBANY, N. Y.
PRESS OF BRANDOW PRINTING CO.
1905

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J. TOWNSEND LANSING,
ANDREW V. V. RAYMOND,
JESSE W. POTTS,
EDWARD A. DURANT,
CLIFFORD D. GREGORY,
EDWARD BOWDITCH,
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FREDERICK TOWNSEND,
WALTER L. PALMER,
CHARLES GIBSON,
DOUGLAS W. OLCOTT,
LUTHER H. TUCKER,
EDWARD J. HUSSEY,
T. HOWARD LEWIS.

MAYOR OF ALBANY,
RECORDER OF ALBANY, } *Ex-officio.*

CATALOGUES are sent with care, and graduates of the college changing their post-office address, or not receiving them, will please notify

WILLIS G. TUCKER, M. D., *Registrar,*

ALBANY MEDICAL COLLEGE,

Albany, N. Y.

FACULTY

ANDREW VAN VRANKEN RAYMOND, D.D., LL.D., *Chancellor of the University.*

ALBERT VANDER VEER, M.D., Ph.D., *Professor of Surgery.*

JOHN MILTON BIGELOW, M.D., Ph. D., *Emeritus Professor of Materia Medica, Therapeutics and Diseases of the Throat and Nose.*

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JAMES PETER BOYD, M.D., *Professor of Obstetrics, Gynecology and Diseases of Children.*

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CYRUS STRONG MERRILL, M.D., *Professor of Ophthalmology and Otology.*

FREDERIC COLTON CURTIS, M.D., *Professor of Dermatology.*

HENRY HUN, M.D., *Professor of Diseases of the Nervous System.*

SAMUEL ROSEBURGH MORROW, M.D., *Professor of Practice of Surgery and of Orthopedic Surgery.*

HERMON CAMP GORDINIER, M.D., *Professor of Physiology.*

HOWARD VAN RENSSELAER, M.D., *Professor of Materia Medica and Therapeutics, and Adjunct Professor of Theory and Practice of Medicine.*

JOSEPH DAVIS CRAIG, M.D., *Professor of Anatomy. Curator of the Museum.*

WILLIS GOSS MACDONALD, M.D., *Professor of Abdominal and Clinical Surgery.*

RICHARD MILLS PEARCE, M.D., *Professor of Pathology and Bacteriology.*

Clinical Professors

ANDREW MacFARLANE, M. D., *Physical Diagnosis and Medical Jurisprudence.*
HERMAN BENDELL, M. D., *Otology.*
ARTHUR GUERNSEY ROOT, M. D., *Diseases of the Throat and Nose.*
LEO HAENDEL NEUMAN, M. D., *Theory and Practice of Medicine and Gastro-Enteric Diseases.*
JESSE MONTGOMERY MOSHER, M. D., *Insanity, Neurology and Electro-Therapeutics.*
HARRY JUDSON LIPES, M. D., *Obstetrics.*

Adjunct Professor

SPENCER LYMAN DAWES, M. D., *Materia Medica.*

Lecturers

WILLIAM OLIN STILLMAN, M. D., *History of Medicine.*
CHARLES HARPER RICHARDSON, M. D., *Surgical Technic.*
ARTHUR WELLS ELTING, M. D., *Surgical Pathology.*
GEORGE EMORY LOCHNER, M. D., *Gynecology.*
ARTHUR TURNER LAIRD, M. D., *Clinical Microscopy.*
THEODORE JAMES BRADLEY, B. S., Ph. G., *Inorganic Chemistry.*
CHARLES HENRY MOORE, M. D., *Ophthalmology and Otology.*
CLEMENT FRANK THEISEN, M. D., *Diseases of Throat and Nose.*
ARTHUR SAUTTER, M. D., *Dermatology and Genito-Urinary Diseases.*
HENRY LARNED KEITH SHAW, M. D., *Diseases of Children.*
HERBERT DODGE PEASE, M. D., *Antitoxins and Immunity.*
EDGAR ALBERT VANDER VEER, M. D., *Clinical Surgery.*
WILFRED SILVESTER HALE, M. D., *Anatomy. Demonstrator of Anatomy and Assistant Curator of Museum.*

Instructors

Alvah Harry Traver, M. D., *Surgery.*
Edgar Roscoe Stillman, M. D., *Physiology.*
Edward Waterbury Becker, M. D., *Physiology.*
Harry Wardell Carey, M. D., *Surgical Pathology.*
Leo Frank Adt, M. D., *Ophthalmology.*
Edward Gerald Griffin, M. D., *Theory and Practice of Medicine.*
James Francis Rooney, M. D., *Theory and Practice of Medicine.*
James Wesley Wiltse, M. D., *Dermatology and Genito-Urinary Diseases.*
Howard Eaton Lomax, M. D., *Anatomy and Assistant Demonstrator.*
Charles Knickerbacker Winne, Jr., M. D., *Bacteriology, Materia Medica and Theraputics.*
George Gustave Lempe, M. D., *Anatomy.*

INSTRUCTORS—*Continued*

EDWIN FORREST SIBLEY, M. D., *Surgical Pathology.*
SILAS LORENZO FILKINS, M. D., *Anatomy and Prosector of Anatomy.*
LA SALLE ARCHAMBAULT, M. D., *Neurology.*
LEON KAHN BALDAUF, M.D., *Histology.*
CHARLES HERBERT GERHARD, M. D., *Bacteriology and Pathology.*
HAROLD EUGENE ROBERTSON, M. D., *Bacteriology and Pathology.*
GEORGE EVERETT BEILBY, M. D., *Histology.*

CLINICAL ASSISTANTS

WILLIAM HENRY GEORGE, M.D.
MICHAEL DANIEL STEVENSON, M.D.
WASHINGTON IRVING GOEWEY, M.D.
ELIJAH HUDSON RIDER, M.D.
WILLIAM GRANT LEWI, M.D.
MARTIN MACHARG, M.D.
LOUIS LEBRUN, M.D.
JAMES MANNING MOORE, M.D.
WILLIAM PITNEY BRIERLEY, M.D.
JOSEPH ALOYSIUS LANAHAN, M.D.
JOSEPH PATRICK O'BRIEN, M.D.
ARTHUR JOSEPH BEDELL, M.D.
ARTHUR FENWICK HOLDING, M.D.
JOSEPH AMBROSE COX, M.D.
JOHN HENRY GUTMANN, M.D.
MALCOLM DOUGLAS, M.D.
EDWIN BARNES WILSON, M.D.
THOMAS JOSEPH FLYNN, M.D.
CHARLES WM. LOUIS HACKER, M.D.
HENRY STANTON ROWE, JR., M.D.
ARTHUR HAMILTON SCHUYLER, M.D.
JOHN RALPH SCHERMERHORN, M.D.
GEORGE MORRIS CASEY, M.D.
HARRY RULISON, M.D
FRANK JAMES HURLEY, M.D.

CALENDAR, 1905-1906

1905

Regular winter session begins.....Tuesday, September 19
Election vacation.....Monday and Tuesday, November 6 and 7
Thanksgiving vacation begins.....Wednesday afternoon, November 29
Lectures resumed.....Monday December 4
Christmas vacation begins.....Saturday, December 23

1906

Lectures resumed.....Wednesday, January 3
Lincoln's birthday, lectures suspended.....Monday, February 12
Washington's birthday, lectures suspended.....Thursday, February 22
Commencement.....Tuesday, May 1

PRELIMINARY EXAMINATION.—The preliminary examination of medical students is under the control of the Board of Regents of the University of the State of New York. Those contemplating the study of medicine should apply to the Examinations Division, New York State Education Department, Albany, by letter or otherwise, if information concerning this examination further than that given on pages 36-38, is desired. One of the examinations will be held in Albany, September 26-28, 1905.

CERTIFICATE OF GOOD MORAL CHARACTER.—Students on entrance are required to file a creditable certificate of good moral character signed by at least two physicians of good standing in the state in which they reside. Blank for this purpose will be found in this Catalogue.

MID-WINTER WRITTEN EXAMINATIONS in all the departments are held before the Christmas vacation. A printed schedule of these examinations is furnished the class.

CERTIFICATE OF GOOD MORAL CHARACTER

(To be signed by two physicians of good standing in the State in which student resides)

To the Registrar of the Albany Medical College:

Sir:

This is to certify that I am personally acquainted with

.....

now residing at .....

and believe him to be of good moral character and worthy to enter upon, or continue, the study of medicine.

(Signed).....

P. O. Address.....

Graduate of.....

(Signed).....

P. O. Address.....

Graduate of.....

ANNOUNCEMENT

1905–1906*

UNION UNIVERSITY includes the ALBANY MEDICAL COLLEGE, Albany College of Pharmacy, Albany Law School and the Dudley Observatory, all at Albany, and Union College, and the School of Engineering at Schenectady.

With the session of 1897-'98 a four year course was inaugurated and four courses are now required of all candidates for graduation, excepting in the case of graduates from certain colleges registered by the regents as now provided by law, who may be admitted to advanced standing at the discretion of the faculty. The curriculum embraces lectures by professors and lecturers; recitations conducted mainly by instructors, and practical demonstrations, clinical teaching and laboratory work, in which the professors in the different departments are assisted by clinical assistants and demonstrators.

The college building is well appointed in its lecture rooms, laboratories, dissecting rooms and museums. The chemical laboratory is fitted with every requisite for the use of the laboratory classes and the illustration of the lectures, while the Bender Hygienic Laboratory furnishes unexcelled facilities for instruction in histology, pathology, bacteriology and clinical microscopy.

The location of the college is such as to afford superior advantages to the student. The hospitals and dispensaries furnish an abundant supply of material for the illustration of clinical medicine and surgery, while the museums are especially rich in anatomical and pathological preparations. They contain the valuable morbid specimens accumulated by the late Drs. March, Armsby, McNaughton and Haskins, and the pathological specimens, the Sydenham Society plates on diseases of the skin and Böck's anatomical models added by Dr. Vander Veer.

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* Announcements of this college are to be considered as applying to the current year only, since all regulations and requirements are subject to change at the close of any session.

The Albany Hospital, St. Peter's Hospital, Child's Hospital, St. Margaret's House, Albany's Hospital for Incurables, County Hospital, South End Dispensary, Eye and Ear Infirmary, Albany Orphan Asylum, and dispensaries connected with each, are, by the regulation of their governing boards made available for clinical purposes to the students, and appointments to positions on the house staffs of the Albany Hospital, and other hospitals in Albany and neighboring places, are annually made and are competed for by the members of the graduating class.

PRELIMINARY ANNOUNCEMENT

Laboratory Course in Physiological Chemistry

Arrangements have been made for inaugurating a practical laboratory course in physiological chemistry, with which will be combined demonstrations in experimental physiology and pharmacology, to be included in the work of the second year beginning with the session of 1905-6. This course will be in charge of a competent specialist in this department and will be conducted in a new laboratory now under construction in the college building which will be well equipped for the purpose. The usual fee will be charged for this course in addition to the fees stated on page 24 and full particulars concerning it will be announced at the opening of the next session.

It is believed that this course will supplement the work now carried on in the departments of physiology, chemistry and allied branches, and bring into closer relation many subjects which now form a part of other courses, and that it will be of great value to students by giving them a more thorough and practical knowledge of the experimental sciences upon which modern medicine rests.

ALBANY MEDICAL COLLEGE
Incorporated 1839

BENDER HYGIENIC LABORATORY

COURSE OF INSTRUCTION

The four years' graded course required of all candidates for the degree of doctor of medicine (excepting as stated on page nine) embraces the following subjects:

First Year

1. **Anatomy**—three lectures; six hours osteology and dissection. 2. **Inorganic Chemistry**—three lectures; four hours laboratory; one recitation. 3. **Physiology**—two lectures; one recitation; three hours demonstrations. 4. **Histology**—five hours laboratory; one recitation. 5. **Materia Medica**—four lectures; two recitations.

Lectures 12; laboratory 9 hours; dissection and demonstrations 9 hours; recitations 5.

Second Year

1. **Anatomy**—three lectures; seven and a half hours dissection and demonstration; two recitations. 2. **Organic Chemistry and Toxicology**—three lectures; one recitation. 3. **Hygiene**—one lecture. 4. **Physiology**—two lectures; one recitation. 5. **Therapeutics**—one lecture; one recitation. 6. **Theory and Practice**—two lectures; one recitation. 7. **Surgical Technic**—one lecture; one demonstration; two hours clinics. 8. **Bacteriology and Pathology**—eight and a half hours laboratory.

Lectures 13; dissections and demonstrations 8½ hours; laboratory 8½ hours; recitations 6; clinics 2.

Third Year

1. **Theory and Practice**—four lectures; two recitations; one hour clinics. 2. **Clinical Microscopy**—two and a half hours laboratory. 3. **Therapeutics**—two lectures; one recitation. 4. **Electro-therapeutics**—one lecture, half the term. 5. **Obstetrics**—two lectures. 6. **Pediatrics**—one lecture; one recitation half the term. 7. **Neurology**—one lecture; one recitation half the term; one clinic. 8. **Surgery (pathology, operative, fractures, dislocations)**—five lectures; two and a half hours laboratory; two recitations; three hours clinics. 9. **Physical Diagnosis and Ophthalmology**—section work, two hours. 10. **Medical Jurisprudence**—one lecture half the term. 11. **X Rays**—one demonstration half the term. 12. **Obstetrical Histology and Pathology**—two and a half hours laboratory. 13. **History of Medicine**—one lecture half the term. 14. **Conference**—one medical.

Lectures 17; laboratory 7½ hours; demonstrations ½ hour; conference 1; recitations 6; section work 2; clinics 5.

Fourth Year

1. **Theory and Practice**—three lectures; one recitation; two hours clinics. 2. **Neurology**—one lecture; one clinic. 3. **Gynecology**—one lecture. 4. **Obstetrics**—one lecture; one recitation. 5. **Surgery (including Orthopedics)**—four lectures; one recitation; three hours clinics. 6. **Specialties**—one recitation. 7. **Conferences**—one medical; one surgical. 8. **Clinical section work**—thirteen hours.

Lectures 10; recitations 4; conferences 2; clinics 6; clinical section work 13 hours.

CLINICS

Third and Fourth Year Classes

WEDNESDAY—10:30 to 11:30 A. M., (Medicine), Prof. Hun, 4th year.
11:45 A. M. to 1 P. M., (Surgery and Dermatology) 4th year.
12 M., (Surgery), Profs. Morrow and Macdonald, 3d year.

THURSDAY—10 A. M., (Gynecology), Prof. Boyd, 4th year.

FRIDAY—5 P. M., (Neurology), Prof. Hun, 3d and 4th years.

SATURDAY—10 A. M., (Medicine), Prof. Ward, 3d and 4th years.
11 A. M., (Surgery), Profs. Vander Veer, Morrow and Macdonald, 3d and 4th years.

Fourth Year Class Divided into Sections

MONDAY—11 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Laryngology), Dr. Root.
P. M. to 5 P. M., (Insanity and Electricity), Dr. Mosher; (Medicine), Dr. Laird; (Obstetrics and Pediatrics), Drs. Lipes and Shaw.

TUESDAY—11 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Neurology), Dr. Mosher; (Otology), Dr. Bendell.
3 P. M. to 5 P. M., (Surgery), Prof. Morrow; (Pediatrics, medical), Dr. Shaw; (Medicine), Dr. Laird.

THURSDAY—11 A. M. to 1 P. M., (Dermatology), Prof. Curtis; (Laryngology), Dr. Theisen.
3 P. M. to 5 P. M., (Therapeutics), Prof. Van Rensselaer; (Medicine), Drs. MacFarlane, Neuman and Mosher; (Surgery), Dr. Elting.

FRIDAY—11 A. M. to 1 P. M., (Ophthalmology), Prof. Merrill; (Neurology), Dr. Mosher; (Genito Urinary), Dr. Sautter.
3 P. M. to 5 P. M., (Medicine), Drs. MacFarlane, Neuman and Shaw; (Pediatrics, surgical), Dr. Elting; (Surgery), Dr. E. A. Vander Veer.

The provisional order of instruction for the ensuing session is given in the succeeding pages, and a corrected card will be issued at the opening of the session.

ORDER OF INSTRUCTION—1905-1906

FIRST YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	9 to 11:30 Histological Laboratory. Dr. BALDAUF.	Recitation in Physiology. Dr. E. R. STILLMAN	Recitation in Materia Medica. Dr. WINNE.	Chemical Laboratory. Prof. TUCKER.	Materia Medica. Ad. Prof. DAWES	9 to 11:30 Histological Laboratory. Dr. BALDAUF.
10		Chemical Laboratory Prof. TUCKER.	Physiological Demonstration. Dr. BECKER.		Physiological Demonstration. Dr. BECKER.	
11			Materia Medica. Ad. Prof. DAWES.			
12	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	Materia Medica. Ad. Prof. DAWES.	Anatomy. Prof. CRAIG.	11:30 to 12:30 Recitation in Histology. Dr. BALDAUF.
3	Inorganic Chemistry. Mr. BRADLEY.	Inorganic Chemistry. Mr. BRADLEY.		Inorganic Chemistry. Mr. BRADLEY.	Inorganic Chemistry Mr. BRADLEY.	
4	Physiology. Prof. GORDINIER	Osteology and Dissection In Sections. Drs. LEMPE and FILKINS.	Osteology and Dissection. In Sections. Drs. LEMPE and FILKINS.	Recitation in Materia Medica. Dr. WINNE.	Osteology and Dissection. In Sections. Drs. LEMPE and FILKINS.	
5				Physiology. Prof. GORDINIER		

Final Examinations in Inorganic Chemistry, Histology, Materia Medica, and in the Physiology, and Anatomy of the year.

SECOND YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Dissection. Drs. HALE and LOMAX.	Bandaging. Dr. E. A. VANDER VEER.	9 to 11:30 Bacteriology and Pathology. Prof. PEARCE and Drs. WINNE and GERHARD.	9 to 11:30 Bacteriology and Pathology. Prof. PEARCE and Drs. WINNE and GERHARD.	9 to 12:30 Bacteriology and Pathology. Prof. PEARCE and Drs. WINNE and GERHARD.	Organic Chemistry. Prof. TUCKER.
10		Recitation in Physiology Dr. E. R STILLMAN				Recitation Organ. Chem. Prof. TUCKER.
11	Therapeutics. Prof. VAN RENSSELAER.	Hygiene. Prof. WARD.				Surgical Clinic at Albany Hospital. Profs. VANDERVEER, MORROW and MACDONALD.
12	Recitation in Theory and Practice. Dr. GRIFFIN.	Theory and Practice. Prof. VAN RENSSELAER.	Organic Chemistry. Prof. TUCKER.	Theory and Practice. Prof. VAN RENSSELAER.		
3	Recitation in Therapeutics. Dr. WINNE.	Anatomy. Prof. CRAIG.	2:30 to 4 Demonstration of Anatomy of Nervous System. Dr. ARCHAMBAULT.	Anatomy. Prof. CRAIG.	Recitation in Anatomy. In Sections. Drs. HALE and LOMAX.	
4	Physiology. Prof. GORDINIER	Recitation in Anatomy. In Sections. Drs. HALE and LOMAX.	Dissection. Drs. HALE and LOMAX.	Anatomy of the Nervous System Prof. GORDINIER	Dissection. Drs. HALE and LOMAX.	
5	Organic Chemistry. Prof. TUCKER.	Surgical Technic. Dr. RICHARDSON		Physiology. Prof. GORDINIER		

Final Examinations in Organic Chemistry, Anatomy (including that of the Nervous System), Bacteriology and Pathology, Physiology, and in the Therapeutics and Theory and Practice of the year (including Hygiene).

Order of Instruction—*Continued*

THIRD YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	9 to 11:30 Surgical Pathology. Drs. ELTING and CAREY.	Surgery. Prof. VANDER-VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Obstetrics. Cl. Prof. LIPES.
10	Theory and Practice. Prof. WARD.		Pediatrics. Prof. BOYD.	Recitation Theory and Practice. Dr. ROONEY.	Theory and Practice. Prof. WARD.	Med. Clinic Albany Hospital. Prof. WARD.
11	Therapeutics. Prof. VAN RENSSELAER.		Obstetrics. Cl. Prof. LIPES.	Electro-Therapeutics. Cl. Prof. MOSHER. Hist. of Med. Dr. W. STILLMAN	Operative Surgery. Prof. MORROW.	Surgical Clinic Albany Hospital Profs. VANDER VEER, MORROW and MACDONALD.
12	Med. Jurisprud. Cl. Prof. MACFARLANE. X Rays.	Theory and Practice. Prof. VAN RENSSELAER.	Surgical Clinic, Albany Hospital. Profs. MORROW and MACDONALD	Theory and Practice. Prof. VAN RENSSELAER.	Therapeutics. Prof. VAN RENSSELAER.	
3	Fractures and Dislocations. Prof. MORROW.	Recitation in Theory and Practice. Dr. GRIFFIN.	Recitation in Surgery. Dr. TRAVER.	2 to 4:30 Obstet. Histol. and Pathol. Sec. A. Cl. Prof. LIPES.	2 to 4:30 Obstet. Histol. and Pathol. Sec. B. Cl. Prof. LIPES.	
4	Phys. Diag. Sec. A. Cl. Prof. MACFARLANE. Rec. Therapeut. Sec. B. Dr. WINNE.	Phys. Diag. Sec. B. Cl. Prof. MACFARLANE. Rec. Therapeut. Sec. A. Dr. WINNE.	Medical Conference. Prof. HUN.	Clinical Microscopy. Sec. B. Dr. LAIRD	Clinical Microscopy. Sec. A. Dr. LAIRD	
5	Ophthalmol. Sec. B. Dr. ADT.	Ophthalmol. Sec. A. Dr. ADT.	Recit. Neurol. and Pediat. In Secs. Cl. Prof. MOSHER and Dr. SHAW	Recit. Surgery. Dr. E. A. VANDER-VEER.	Neurological Clinic. Prof. HUN.	

Final Examinations in Therapeutics, Neurology and Diagnosis (including Clinical Microscopy, Physical Diagnosis and Medical Jurisprudence), and in the Surgery, Obstetrics, and Theory and Practice of the year.

FOURTH YEAR

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Neurology. Prof. HUN.	Orthopedic Surgery. Prof. MORROW.	Surgery. Prof. VANDER-VEER.	Surgery. Prof. MORROW.	Surgery. Prof. MACDONALD	Surgical Conference. Prof. MACDONALD
10	Therory and Practice. Prof. WARD.	Obstetrics. Prof. BOYD.	10:30 to 11:30 Medical Clinic St. Peter's Hospital. Prof. HUN.	Gynecology. Prof. BOYD.	Theory and Practice. Prof. WARD.	Medical Clinic, Albany Hosp tal Prof. WARD.
11	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	11:45 to 1 Surgical and Dermatol. Clinic. St. Peter's.	Clinical Work. Class Divided into Sections.	Clinical Work. Class Divided into Sections.	Surgical Clinic, Albany Hospital Profs. VANDER VEER, MORROW and MACDONALD.
12						
3			Recitation in Theory and Practice. Dr. NEUMAN.			
4			Medical Conference. Prof. HUN.			
5	Recitation in Obstetrics Dr. LOCHNER.	Recitation in Surgery. Profs. VANDER-VEER, MORROW and MACDONALD	Recitation in Specialties. Cl. Profs. ROOT and MOSHER and Dr. SAUTTER	Gastro-enteric Diseases. Cl. Prof. NEUMAN.	Neurological Clinic. Prof. HUN.	

Final Examinations in Theory and Practice, Surgery, Obstetrics, Neurology, and in Specialties.

CLINICAL COURSES, 1905-6

(The class divided into four sections)

SECTION A

Hour	Date.	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 25 to November 7.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Dispen.
	November 9 to January 5.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 8 to February 16.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	February 19 to April 3.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S. E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.
2:30 or 3 to 4:30	September 25 to November 7.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Therapeutics Dr. Van Rensselaer Alb., St. P. & C. H.	Medicine Dr. Shaw St. Peter's Hospital.
	November 9 to January 5.	Pediatrics & Obstet. Drs. Shaw & Lipes St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine. Dr. Mosher Alb. Orph. Asylum.	Pediatrics (Surgical) Dr. Elting Child's Hospital.
	January 8 to February 16.	Insanity & Electric. Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.
	February 19 to April 3.	Insanity & Electric. Dr. Mosher Albany Hospital.	Pediatrics (Medical) Dr. Shaw St. Margaret's House	Surgery Dr. Elting Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital

SECTION B

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 25 to November 7.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Neurology Dr. Mosher Albany Hospital.
	November 9 to January 5.	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Dermatology Dr. Curtis Alb. Hos. & S.E. Dis.	Genito-Urinary Dr. Sautter South End Disp'sry
	January 8 to February 16.	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	February 19 to April 3.	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 25 to November 7.	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Margar. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr. E. A. VanderVeer Albany Hospital.
	November 9 to January 5.	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Therapeutics Dr. Van Rensselaer Alb. St. Pet. & Ch Hos	Medicine Dr. Shaw St. Peter's Hospital.
	January 8 to February 16.	Pediatrics & Obstet. Drs. Shaw & Lipes. St. Marg. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orph. Asylum	Pediatrics (surgical) Dr. Elting Cihld's Hospital.
	February 19 to April 3.	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Neuman Albany Hospital.	Medicine Dr. Neuman Albany Hospital.

Clinical Courses — *Continued*

SECTION C

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 25 to November 7	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 9 to January 5	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	January 8 to February 16	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp's'ry
	February 19 to April 3	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
2:30 or 3 to 4:30	September 25 to November 7	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital.
	November 9 to January 5	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr.E.A.VanderVeer Albany Hospital.
	January 8 to February 16	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Therapeutics Dr. VanRensselaer. Alb. S.Pet. Ch. Hos.	Medicine Dr. Shaw St. Peter's Hospital.
	February 19 to April 3	Pediatrics & Obstet. Drs. Shaw & Lipes St.Marg. & Alb.Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orph. Asylum.	Pediatrics (surgical) Dr. Elting Child's Hospital.

SECTION D

Hour	Date	Monday	Tuesday	Thursday	Friday
11:30 to 12:45	September 25 to November 7	Laryn. & Rhin. Dr. Root Albany Hospital.	Neurology Dr. Mosher Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	November 9 to January 5	Laryn. & Rhin. Dr. Root Albany Hospital.	Otology Dr. Bendell Albany Hospital.	Laryn. & Rhin. Dr. Theisen St. Peter's Hospital.	Ophthalmology Dr. Merrill Albany Hospital.
	January 8 to February 16	Ophthalmology Dr. Merrill Albany Hospital.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Neurology Dr. Mosher Albany Hospital.
	February 19 to April 3	Ophthalmology Dr. Merrill Albany Hospital	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Dermatology Dr. Curtis Alb.Hos. & S.E.Dis.	Genito-Urinary Dr. Sautter South End Disp'sry.
2:30 or 3 to 4:30	September 25 to November 7	Pediatrics & Obstet. Drs. Shaw & Lipes St. Mar. & Alb. Hos.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. Mosher Alb. Orph. Asylum.	Pediatrics (surgical) Dr. Elting Child's Hospital.
	November 9 to January 5	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Surgery Dr. Morrow Child's Hospital.	Medicine Dr. MacFarlane Albany Hospital.	Medicine Dr. MacFarlane Albany Hospital.
	January 8 to February 16	Insanity & Elect'ity Dr. Mosher Albany Hospital.	Pediatrics (medical) Dr. Shaw St. Marg. House.	Surgery Dr. Elting Albany Hospital.	Surgery Dr.E.A.VanderVeer Albany Hospital.
	February 19 to April 3	Medicine Dr. Laird Alms House.	Medicine Dr. Laird Alms House.	Therapeutics Dr. VanRensselaer. Alb.,St.Pet.,Ch.Hos	Medicine Dr. Shaw St. Peter's Hospital.

OUTLINES OF COURSES

Theory and Practice of Medicine, etc.

PROFS. WARD, CURTIS, HUN, VAN RENSSELAER AND PEARCE; CL. PROFS. MACFARLANE, ROOT, NEUMAN AND MOSHER, AND DRS. LAIRD, THEISEN AND SAUTTER.

Theory and Practice. Prof. Ward delivers a systematic course of lectures, profusely illustrated with pathological specimens, to the third and fourth year classes, and Prof. Van Rensselaer to the second and third year classes. Prof. Hun conducts each week a medical conference in which students report cases which they have examined at their homes and their reports are criticised by the class. These courses are supplemented by study in a standard text-book; weekly recitations are held on the subject matter of the lectures, and a course upon gastro-enteric diseases is given by Dr. Neuman to the fourth year class. Hygiene is taught in lectures which have special reference to the needs of the general practitioner.

Clinical Medicine. Prof. Ward holds a medical clinic each week, at the Albany Hospital, and Prof. Hun each week, at St. Peter's or the Child's Hospital, before the third and fourth year classes. In these clinics students have opportunities to examine cases, their examination and diagnosis being criticised by the professor.

Neurology, Insanity and Medical Jurisprudence. The instruction in neurology extends over three years. It commences in the second year, during the whole of which year Prof. Gordinier gives one lecture, with demonstrations, each week on the anatomy of the nervous system and in addition one and one-half hours each week are devoted to practical work in studying with the microscope and projection lantern, gross and microscopic specimens of the normal and pathological histology of the nervous system, each student making drawings of the specimens and obtaining a collection of slides of typical sections. The third and fourth year classes are taught by Prof. Hun. During the third year the class attends one didactic and one clinical lecture and one recitation on diseases of the nervous system each week throughout the year and a demonstrative lecture on electro-therapeutics during one-half of the year. During the fourth year the students attend one

didactic and one clinical lecture, and one recitation on diseases of the nervous system each week throughout the year. Each patient exhibited is assigned to two students, who having examined him previously, report on the case at the clinical lecture. During the fourth year also, the class being divided into small groups, each student is trained in the out-patient department in the methods of examination of patients. Practical work in the administration of electricity is also given to each student during the fourth year, the class being divided into sections.

Insanity: The fourth year class, divided into sections, receives clinical instruction under Dr. Mosher in mental disorders in the wards of Pavilion F at the Albany Hospital.

Medical jurisprudence is taught by weekly didactic lectures during one-half of the year.

Diseases of the Skin. Prof. Curtis presents this subject in the clinical courses and illustrates it fully by the exhibition of cases and plates.

Diseases of the Throat and Nose. This subject is presented in the clinical courses by Drs. Root and Theisen in such manner that the student is familiarized with the diseases of these parts and made acquainted with the various methods for the examination and treatment of laryngeal and nasal disorders, individual instruction being given to each student.

Physical diagnosis. The third year class, divided into sections, are taught the principles of physical diagnosis in the examination of the body both in health and disease under Dr. MacFarlane.

Clinical Microscopy. The third year class, in sections, have practical laboratory work in microscopy, including the examination of the urine, blood, sputum, pus, and cultures from cases of true and false diphtheria for clinical diagnosis.

Surgery

Profs. Vander Veer, Hailes, Merrill, Morrow and Macdonald: Cl. Prof. Bendell and Drs. Richardson, Elting, Moore and E. A. Vander Veer.

In the lectures on surgical pathology, the method by which tissues are nourished in health having been discussed, the subjects of hypertrophy and atrophy are taken up, and then attention is given to the pathology of the methods by which wounds heal,

and to the processes of inflammation, suppuration, ulceration, gangrene, necrosis, septicemia, pyemia, sapremia, poisoned wounds, etc. A considerable portion of the surgical course is devoted to pathology, in which students should be well grounded during the college course. The course in operative surgery, by Prof. Morrow, is thorough and includes all the usual operations. Material for the illustration of this course is abundant, and students are given opportunities to operate upon the cadaver. In the department of principles and practice of surgery, particular attention is paid to the subject of diagnosis, and all didactic teaching upon the various branches of surgery is richly illustrated in the clinical material furnished by the several hospitals of the city. As in the past, it will be the aim to make the surgical clinics of the greatest value to the student. All the departments of the surgical chair make free use of diagrams and specimens. The subject of modern aseptic surgery in all that pertains to the knowledge and direct application of the same will be presented in the various operations. During the term students have an excellent opportunity of seeing a number of cases of abdominal surgery for the relief of various forms of obstruction of the bowels and the removal of abdominal tumors.

Fractures and Dislocations. This subject is treated practically in a course of lectures in which the various fractures and dislocations are illustrated by a specially prepared skeleton. The employment of the various means for the reduction of dislocations and the preparation of splints and other surgical appliances, is taught in the lecture room, followed by clinical instruction at the hospital, students being required to examine and diagnose injuries, and to select, prepare and apply proper dressings for reduction and the retention of the appliances used. A very complete Roentgen ray apparatus is employed and its use is taught in every detail by frequent demonstrations.

Ophthalmology and Otology are taught by both didactic and clinical lectures and recitations, the students being required to examine and diagnose the cases Practical exercises are held in the use of the ophthalmoscope, the determination of glasses and the performance of various operations. The eye and ear clinics are held every Monday and Friday at noon during the year.

Orthopedic Surgery is taught by lectures combined with clinical

instruction, the various hospitals furnishing an abundance of material for the illustration of this important subject.

Obstetrics, Gynecology and Diseases of Children

PROF. BOYD; CL. PROF. LIPES, AND DRS. LOCHNER AND SHAW

These subjects are treated in courses of didactic and clinical lectures on the science and art of obstetrics; on gynecology, and on the diseases of children. Recitations are held weekly during the term. In addition to the clinical lectures on gynecology, practical instruction is given the members of the senior class at the Albany Hospital. Members of the senior class are required each to attend a certain number of cases of labor. Practical instruction in obstetrics is given at the Albany Hospital and also in the obstetric department of the Albany Guild for the Care of the Sick Poor. Clinical material for the course in pediatrics is obtained from the Child's Hospital, St. Margaret's House for Infants, the Albany Orphan Asylum, the Lathrop Memorial and the dispensary of the Albany Hospital.

Chemistry

PROF. TUCKER AND MR. BRADLEY

The courses in this department include lectures upon the principles of chemistry with its nomenclature and notation; the non-metals, and metals, with their more important medicinal compounds; and organic and physiological chemistry, which is very fully treated, including urinalysis and toxicology. Pharmacopœial compounds receive especial attention, their official names and various synonyms being fully stated and their common adulterations described. Considerable time is given to the chemical examination of potable water and other matters pertaining to sanitary chemistry as related to water supply, sewage disposal, ventilation, disinfection, food adulteration and kindred topics. The lectures are abundantly illustrated and recitations are held in each department.

Anatomy

PROFS. CRAIG, GORDINIER AND PEARCE, AND DR. HALE

The course in anatomy consists of didactic lectures and recitations, with illustrations and demonstrations from the subject and preparations from the museum. The course extends through the first and second years. Students are required to take a practical course during the first year on those systems which are lectured upon during that year and to dissect during the second

year under the demonstrator of anatomy and assistants not less than the lateral half of a human cadaver. While systematic anatomy is made the basis of study for the first and second years, the practical application of anatomy to medicine and surgery is explained in the didactic lectures, and regional anatomy given prominent consideration in the dissecting-room work. An endeavor is made to make the entire course in anatomy practical, consistent and useful, and to assist the student in laying a broad foundation of anatomical knowledge on which to build future courses in didactic and clinical medicine and surgery.

Histology and pathological anatomy are taught by practical laboratory work as elsewhere described. An electrical projection apparatus affords facilities for screen demonstrations in normal and pathological histology.

Materia Medica and Therapeutics

Prof. Van Rensselaer; Adj. Prof. Dawes and Cl. Prof. Mosher

The didactic lectures on materia medica are illustrated by all the official crude drugs, together with prints and specimens of the various official compounds and preparations. In addition there has been added a practical course, in which the organic crude drugs are carefully studied in detail and instruction is given in the methods used in compounding the various important pharmacopoeial preparations. In the lectures on therapeutics, which extend through the second and third years, a course is given on prescription writing; and a comprehensive study of the therapeutics of drugs by classes is made. Special attention is given to the demonstration of the action of therapeutic agents, and to the methods of their administration.

During the third year the presentation of the different means and methods of medication resorted to in the treatment of disease is discontinued, and a separate course on physiological therapeutics is added, including Swedish movements, massage, ærotherapeutics, climatology, hydrotherapeutics, balneotherapy, dietetics, hypnotism, the rest cure, etc. A special course is given in electro-therapeutics. Recitations are held weekly.

Physiology

Prof. Gordinier

Didactic and experimental lectures upon this subject are given to the first and second year classes. These lectures are profusely illustrated by the aid of a projection outfit and lantern slides, portable microscopes and diagrams, and much attention is devoted to the more modern physiology of the nervous system, circulation, digestion, absorption, secretion, and the recent methods of blood examination. Recitations are held each week.

PRACTICAL CLINICAL COURSES

In order to familiarize students with the practical work of their profession, and to bring them into closer personal contact with patients, the fourth year class is divided into sections of eight or ten men, and on four days in each week each man devotes several hours to the examination and personal observation, under the supervision of the instructors, of patients in the wards and out-patient departments of the various hospitals and dispensaries. In this clinical work especial attention is devoted to the complete examination of the blood, urine, sputum and stomach contents, as well as to the special examination of the eye, ear and other organs. Thus in the course of the school year the men in each section acquire practical knowledge and technical diagnostic dexterity in general medicine, general surgery, dermatology, neurology, insanity, otology, laryngology, ophthalmology, rhinology, diseases of children and infants, infant feeding, diseases of the rectum and genito-urinary tract, operative surgery, orthopedic surgery, operative obstetrics, electro-therapeutics and medical technic.

LABORATORIES

Practical Chemistry

The chemical laboratory is well furnished and conveniently arranged, each student having a desk and reagents for his own use, and being supplied with all necessary apparatus. The laboratory course is preceded, since although some knowledge of chemistry is highly desirable none is now *required* at entrance, by a series of lessons upon chemical nomenclature, notation and the essential principles of theoretical chemistry, including the laws of combination and valence, and these subjects are therefore more briefly treated in the regular lecture course. The practical laboratory work includes tests for those metals and acids, which, in combination, are important as constituents of medicinal compounds or as poisons, together with the separation of the chief groups and the examination of unknown substances. The more important toxicological and urinary tests are performed and all chemical reactions are written upon the blackboard, discussed by the class, and entered upon their notes.

Histology, Pathology, Bacteriology and Clinical Microscopy

Work in these departments is carried on in the Bender Hygienic Laboratory, on Lake Avenue, near the Albany Hospital.

This building was erected by the late Matthew W. Bender, of Albany, and is thoroughly equipped with the apparatus necessary for the study of histology, pathology, bacteriology and clinical microscopy. Practical work in these branches is obligatory upon all students, and abundant opportunity is furnished in the laboratory for acquiring a thorough knowledge of these important subjects.

Histology. The work consists of explanatory talks covering the subject of the day's study, followed by practical exercises in the laboratory.

Bacteriology. The work consists of lectures followed by practical laboratory exercises. It is intended to render the student familiar with the underlying principles of bacteriology and their application to clinical medicine and surgery.

Pathology. The work consists of a short lecture on the subject under discussion for the day followed by practical exercises in pathological anatomy and histology. Besides this the students are instructed in the technique of making autopsies, and material from autopsies and surgical operations is demonstrated to them as available. Demonstrations in experimental pathology are introduced whenever possible.

Clinical Microscopy. The course consists of preliminary talks followed by practical work in the examination of blood, urine, sputum, fæces, stomach contents, exudates, etc; and includes a short course in clinical bacteriology.

In all these courses the student is taught independent methods of work and is required to keep a permanent record, illustrated by drawings, of all laboratory exercises.

A limited number of students who have shown proper aptitude are offered the opportunity to work along more advanced lines.

For the alumni of this school, and for physicians in the vicinity, this laboratory offers excellent facilities for the examination of urine, sputum, pathological specimens and blood. Information regarding such examinations may be obtained by communicating with Dr. Richard M. Pearce, Director.

FEES AND EXPENSES

Fees, excepting the final examination fee, are payable each year in advance, are not returnable, and are as follows:

First Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Chemical Laboratory	10 00	
Histological Laboratory	10 00	
Dissection (including material)	5 00	
		$130 00

Second Year

Matriculation	$ 5 00	
Dissection (including material)	10 00	
Lecture Course	100 00	
Bacteriological and Pathological Laboratory	15 00	
		$130 00

Third Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Clinical Microscopy Laboratory	5 00	
		$110 00

Fourth Year

Matriculation	$ 5 00	
Lecture Course	100 00	
Final Examination	25 00	
		$130 00

In addition to the fees above stated, an annual charge of two dollars is made to members of the first, second and third year classes taking laboratory courses at the Bender Laboratory, for use of microscopes and other apparatus. This fee is paid to the director at the laboratory, and after laboratory tickets have been issued by the registrar. There is also a fee of five dollars paid by members of the fourth year class to the Guild for the Care of the Sick Poor for the course in practical obstetrics.

The payment of three hundred dollars in advance entitles to attendance upon four courses of lectures, exclusive of laboratory and other special fees above stated, and effects a saving of one hundred dollars on the cost of the four year course, *but this ticket must be taken out within thirty days from date of matriculation.* The final examination fee must be paid before the examinations begin. Graduates of the school may attend lectures and stated clinics without charge except for matriculation in case of prolonged attendance.

The cost of living in Albany is less than in most other cities of its size. The janitor of the college keeps a list of boarding houses at which good rooms and board can be obtained at from four to five dollars a week or upwards, and by clubbing together students can live comfortably at still lower rates. No estimate can well be made of cost of text-books and other personal expenses since these of necessity vary greatly in different cases.

BOOKS RECOMMENDED

For Text Books	Books Recommended for Reference
Anatomy—Gray, Holden-Hewson	Cunningham, Morris, Toldt's Atlas.
Anatomy Nervous System—Gordinier	
Histology—Ferguson	Szymonowicz, Boehm, Davidoff and Huber.
Pathology—Delafield and Prudden	Zeigler, Durck's Atlases, Thoma, Mallory and Wright.
Bacteriology—Muir and Ritchie	Flügge, Abbott, McFarland, Park.
Physiology—Kirke	Landois, Dalton, Yeo, Foster, Huxley.
Materia Medica—Stevens	U. S. Dispensatory.
Therapeutics—Hare	Foster.
Electro-Therap. and Diagnosis—Turner, Mosher	Hedley.
Throat and Nose—Kyle	Shurly, Bosworth.
Inorganic Chemistry—Sadtler and Coblentz	Bartley, Simon, Witthaus, Holland.
Analytical Chemistry—Laboratory Notes	Bartley Clin. Chem., Rockwood.
Organic Chemistry—Sadtler & Coblentz	Bartley, Richter, Holland.
Physiol. Chemistry—Rockwood	C. E. Simon, Hammarsten, Bunge.
Med. Jurisprud. and Toxicol.—Reese	Hamilton, Wormley, Herold, Autenrieth.
Chemistry of Urine—Tyson	Purdy, Bartley Clin. Chem., Saxe.
Theory and Practice—Anders	Osler, Thompson, Tyson, Wood and Fitz.
Gastro-Enteric Diseases—Hemmeter	
Phys. Diag.—Musser, MacFarlane	
Clin. Microscopy—Simon	Cabot, Ewing, Ogden, Boston.
Hygiene—Coplin and Bevan	Wilson, Harrington.
Insanity—Chapin	Berkley, Tuke's Dict., Clouston.
Dermatology—Jackson	Hyde, Crocker, Taylor, Van Harlingen.
Neurology—Hun's Syllabus	Gowers, Church and Peterson, Jakob's Atlas.
History of Medicine—Park	Baas.
Fract. and Dislocations—Stimson	Hamilton.
Princ. and Prac. Surg.—Am. Text Book.	Inter. Text Book, Parks. Am. Auth., Wharton and Curtis, Da Costa.
Surgical Pathology—Warren	Billroth-Winiwarter, Senn.
Operative Surgery—Bryant	Kocher, Stimson, Smith, Herrick R.R.Surg.
Aseptic Treatment Wounds—Beck	Thornbury.
Syphilis and Gen. Urin. Dis's.—White & Martin	Keyes, Morrow.
Surgical Diagnosis—Albert	MacDonald Sur. Diag. & Treatment, Ranney.
Orthopedic Surgery—Bradford & Lovett	Young.
Ophthalmology—Swanzy	Henderson, DeSchweinitz, Fuchs, Noyes.
Otology—Bacon	Dench, Roosa, Politzer.
Obstetrics—Jewett	Williams, Hirst, Am. Text Book Obst. [rose.
Gynecology—Dudley	Am. Text Book Gynecol., Kelly, Reed, Pen-
Diseases of Children—Holt.	Rotch, Koplick, Keating.
Dictionary—Dunglison, Medical Lexicon,	Dorland Illust. Med. Dictionary.

PRIZES AND HOSPITAL APPOINTMENTS

Mrs. Gertrude W. Vander Poel has endowed a prize in memory of her husband, the late S. Oakley Vander Poel, M.D., for many years a professor in this college. It consists of a good clinical microscope and is awarded to the senior student passing the best bedside examination in general medicine.

Professors Vander Veer and Macdonald offer a prize of seventy-five dollars for the best report of the surgical clinics held during the session, and Professors Hailes and Morrow offer a prize of a complete pocket case of instruments for the second best report of these clinics.

Professor Merrill offers a prize consisting of an ophthalmoscope for the best report of the eye and ear clinics.

The Townsend physiological prize, endowed by the late Prof. Franklin Townsend, Jr., M. D., is awarded to the student passing the best examination in physiology at the expiration of his first year of study in that branch.

Professor Boyd offers a case of instruments to the student passing the best final examinations in obstetrics.

To the senior student passing the best final examination, the family of the late Dr. T. W. Nellis (A. M. C., '81), of Albany, offers a prize consisting of a case of surgical instruments.

Dr. Horace R. Powell (A. M. C., '82), of Poughkeepsie, N. Y., offers a prize consisting of a general operating case to the third year student passing the best final examination.

A. B. Huested, M. D. (A. M. C., '63), & Co., of Albany, offer a prize consisting of Gross' complete aseptic pocket case of instruments to the first year student passing the best final examination.

The Daggett trust. Pursuant to the provisions of a bequest by the late Dr. Nathan G. Daggett, of Schenectady, N. Y., an alumnus of the college of the class of '67, the following prizes are announced for the ensuing year:

1 For the best "anatomical specimens," a first prize of sixty dollars, and a second prize of thirty dollars. The following are prescribed for 1906:

1. Prepared and mounted skeletons of a male and female rabbit.
2. A human sphenoid, ethmoid and vomer bone; a right and left palate and a right and left superior maxillary bone.
3. Temporal bones, right and left, sectioned to show the inner wall of the tympanum and the course of the aqueductus Fallopii.
4. A wet preparation of the lumbar plexus of nerves.
5. Corrosion specimens of the arteries, veins and ducts of the adult human liver, pancreas and kidneys, in accordance with a method to be furnished by the professor of anatomy to competitors, on application.

Preparations must be ready to be deposited with the Professor of Anatomy by April 1, 1906. All specimens submitted in competition for the prizes are to be the property of the college, whether awarded prizes or not. Prizes will be awarded only to preparations of merit. Further information may be obtained from the Professor of Anatomy.

2. For the best "deportment irrespective of scholarship," as determined by the faculty, a first prize of sixty dollars, and a second prize of thirty dollars, these prizes restricted to members of the senior class.

At or about the close of each session, vacancies occur in the house staffs of the Albany and other hospitals and these are filled by competitive examinations, open to the members of the graduating class.

REQUIREMENTS FOR GRADUATION

The candidate must be twenty-one years of age, and exhibit a certificate from a physician or surgeon, duly authorized by law to practice his profession, that he has studied medicine and surgery under his instruction during the period required by law in this state (see page 38, sec. 4), and he must present evidence of having complied with the law concerning preliminary examination (see pages 36-38).

He must have attended not less than four regular courses of lectures, unless as stated at page 9, of which the last shall have been at this college. Students who have attended one or more courses of lectures at other recognized medical colleges, who may desire to be admitted to advanced standing in this college, will be credited with the work they may have done and with examinations they may have passed, other than those of the senior year, and in so far as such work and examinations correspond with the curriculum of this college, if satisfactory evidence of such attendance and of the passing of such examinations is presented.

He must be of good moral character.

He must maintain a satisfactory standing during his course and pass a satisfactory final examination in the several branches taught.

Regular and punctual attendance is required, and matriculation tickets are endorsed with attendance at the end of the term.

For catalogues or further information, address

WILLIS G. TUCKER, M. D., *Registrar,*

July 1, 1905. Albany, N. Y.

EXAMINATION DEPARTMENTS

First Year

1. Inorganic chemistry—Dr. Tucker and Mr. Bradley.
2. Anatomy and histology—Drs. Craig and Pearce.
3. Materia medica—Drs. Van Rensselaer and Dawes.
4. Physiology—Dr. Gordinier.

Second Year

1. Organic chemistry (including toxicology)—Dr. Tucker.
2. Anatomy (including nervous system)—Drs. Craig and Gordinier.
3. Bacteriology and pathological anatomy (including laboratory work)—Dr. Pearce.
4. Therapeutics and practice (including hygiene)—Drs. Van Rensselaer and Ward.
5. Physiology—Dr. Gordinier.

Third Year

1. Therapeutics (including electro-therapeutics) — Drs. Van Rensselaer and Mosher.
2. Theory and practice—Drs. Van Rensselaer and Ward.
3. Surgery (including pathology, operative, and fractures and dislocations)—Drs. Vander Veer, Morrow and Macdonald.
4. Obstetrics and pediatrics—Drs. Boyd and Lipes.
5. Neurology and diagnosis (including clinical microscopy, physical diagnosis and medical jurisprudence)—Drs. Hun, Pearce and MacFarlane.

Fourth Year

1. Theory and Practice—Drs. Ward and Neuman.
2. Surgery (including orthopedic)—Drs. Vander Veer, Morrow and Macdonald.
3. Obstetrics and gynecology—Dr. Boyd.
4. Neurology and insanity—Drs. Hun and Mosher.
5. Eye and ear, dermatology and throat and nose—Drs. Merrill, Curtis, Bendell and Root.

EXAMINATION RULES

A student who, at the end of the college year, as the result of his work and examination combined, is deficient in three departments of the first year, or more than three departments of the second or third year, is debarred from continuing with his class and from commencing the work of the succeeding year.

A student not so debarred who fails in one or more departments is required to pass in October an examination in the studies (not departments) in which he has failed. In case he fails in this examination in more than one department he is debarred from continuing the work of the next higher year, but in case he fails in October in only one department he is allowed to continue with his class. In this connection a department means all that constitutes one separate examination and may include one or more studies or branches.

The examination of students of the first, second or third year classes who failed in one or more departments in the spring examinations is held in October and students failing in this examination in only one department may be re-examined in it at the time of the following mid-winter examinations, and failing in this may take the examination in the following spring.

Students, 1904-1905

Fourth Year

NAME	RESIDENCE	PRECEPTOR
Kenneth Daniel Blackfan	Cambridge	Drs. C. B. Herrick and H. S. Blackfan
James Marmaduke Boddy, A. M.	Troy	Dr. Lansing Van Auken
Homer Andrew Bushnell	North Adams, Mass	Dr. H. Bushnell
George Morris Casey	Schuylerville	Drs. W. S. Donnelly and J. V. Hennessy
Archie Bert Chappelle	Kingston	Dr. G. H. Van Gaasbeek
Arthur Preston Clark	Albany	Drs. Rulison and Vander Veer
Kenn Romeo Coffin	Cooperstown	Dr. B. W. Dewar
Miles Jacob Cornthwaite	Troy	Drs. H. C. Gordinier, A. W. Elting and H. E. DeFreest
John Henry Famian Coughlin	Troy	Drs. H. Love and E. A. Vander Veer
Walter Allen Cowell, A. B	Albany	Drs. A. Vander Veer and T. K. Perry
John Dixon Crane	Hawley, Pa	Dr. T. S. Parker
Orrel Charles Curtis	So. Egremont, Mass	Dr. C. S. Chapin
Theodore David Dockstader	Sharon Center	Drs. H. L. Odell and H. J. Lipes
Patrick John Donahoe	Albany	Drs. W. H. Happel and J. H. Maguire
William Mulvihill Dwyer	Amsterdam	Drs. H. M. Hicks and W. G. Macdonald
John Peter Faber, B. D	Albany	Dr. J. J. Glover
Thomas Joseph Flynn	Johnstown	Dr. E. C. Podvin
Perlia Elijah Garlock	Sprakers	Drs. A. V. Klock and W. G. Lewi
William Joseph Garvey	Albany	Drs. J. M. Donnelly and M. S. Leavy
Charles Erastus Green, M. D	Brooklyn	Albany Medical College
Fred Flanagan Gremore	St. Regis Falls	Drs. D. Moody and W. A. Wardner
Charles William Louis Hacker	Albany	Drs. C. G. Hacker and W. G. Macdonald
Walter Ennis Hays, A. B	Albany	Drs. A. Vander Veer and G. T. Moston
Chester Alan Arthur Hemstreet	Waterford	Drs. E. Zeh and F. M. Sulzman
Thurman Alson Hull	Williamstown, Mass	Drs. Hull, Lipes and Rooney
Lemuel Rankins Hurlbut	Troy	Dr. R. F. Benson
Frank James Hurley	Bennington, Vt	Drs. W. G. Macdonald and J. A. Stevenson
Matthew Joseph Keough	Cohoes	Dr. J. H. Mitchell
Oscar Franklin Larson	Poultney, Vt	Drs. S. B. Ward and E. D. Ellis
Edward Miltimore	Catskill	Dr. Dean Miltimore
Francis Joseph Noonan	Troy	Drs. C. E. Nichols and C. F. Kivlin
George Washington Papen, Jr	Albany	Drs. G. E. Lochner and G. W. Papen
Herbert Bowen Reece	Troy	Drs. Morrow and Houston
William Garfield Rommel	Troy	Dr. J. P. Marsh
Henry Stanton Rowe, Jr., A. B	Cohoes	Drs. A. Vander Veer and C. E. Carruth
Harry Rulison	Albany	Drs. A. H. Traver and H. J. Lipes
Frank George Schaible	Albany	Drs. S. R. Morrow and W. G. Tucker
John Ralph Schermerhorn	Randall	Drs. A. H. Traver and A. Vander Veer
Frederick Foster Schirck	Saratoga Springs	Dr. B. J. Murray
Arthur Hamilton Schuyler	Fonda	Drs. F. I. Jansen and A. Vander Veer
Francis Joseph Scott	Cohoes	Drs. J. L. Archambault and C. E. Witbeck
Benjamin Franklin Seaman	Matteawan	Dr. L. McClintock
William Francis Shanley, A. B	Albany	Dr. J. Torry
Hamilton Munn Southworth	Nassau	Drs. Southworth, Ryan and Macdonald
Charles William Stratton	Lee, Mass	Dr. H. M. Smith
Charles Clark Sweet	Petersburg	Drs. H. C. Gordinier, H. J. Lipes and J. F. Rooney
James Harvey Van Buren	Jefferson	Drs. R. Hubbell and W. S. Hale

NAME	RESIDENCE	PRECEPTOR
Edward Hellis Vines	Saratoga Springs	Drs. J. V. Hennessy and A. Vander Veer
George Walrath	St. Johnsville	Dr. A. Walrath
Alfred Le Roy Warner	Troy	Drs. H. E. De Freest and B. J. Ward
Roscoe Conkling Waterbury	Nassau	Drs. E. E. Reichard and A. H. Traver
James Watson White	Wappingers Falls	Drs. H. White and J. M. Moore
Edwin Barnes Wilson, A. B	Hudson	Drs. Vander Veer, Macdonald and Wilson

Third Year

Henry Francis Albrecht	Troy	Dr. W. W. Seymour
Fred Nicholas Bibby	Pottersville	Drs. W. G. Tucker and E. Bibby
John Breen	Wevertown	Dr. L. Somerville
Roy Munro Collie	Johnstown	Dr. E. C. Podvin
Morey Charles Collier, Ph. B	Savona	Drs. H. S. Gillette, W. G. Macdonald and J.W.Wiltse
Charles Elisha Collins, Ph. G	Troy	Dr. J. B. Harvie
Frederick Charles Conway	Albany	Dr. S. B. Ward
Edward A. Dean	Sardinia	Dr. Charles E. Congdon
Adelbert Stephen Dederick	Cohoes	Drs. E. W. Becker and W. E. Lothridge
Theobald Frederick Doescher	Albany	Drs. A. Vander Veer and A. H. Traver
Lee Roy Dunbar	Gloversville	Drs. A. Vander Veer and A. C. Hagedorn
Willis Woodford Dutcher	Albany	Dr. G. E. Lochner
Vernon R. Ehle	Gloversville	Dr. W. C. Wood
Hermon Ernest Gak	Fairmount	Drs. W. G. Tucker and J. W. Knapp
George Reinhold Goering	Utica	Drs. H. J. Lipes and E. D. Fuller
Stowell Burroughs Grant	Afton	Drs. C. S. Butler and C. G. Hacker
Percival William Harrig	Albany	Dr. F. L. Classen
Joseph Friend Harris	Albany	Drs. A. MacFarlane, H. E. Lomax and W. Hailes
Clinton Benjamin Hawn, B. S	Albany	Dr. F. R. Greene
Samuel Orestes Kemp, Jr	Albany	Dr. G. T. Moston
Winfield Snell Kilts	Fort Plain	D. G. L. Meyer
William Andrew Krieger	Poughkeepsie	Dr. W. S. Ackert
Price Lewis	Remsen	Drs. P. M. Egert and W. G. Lewi
*Emmett Judson Lyman	Springfield, Mass	Albany Medical College
Floyd Dempster Michael	Lassellsville	Dr. C. M. Klock
David Cushing Nolan	Albany	Dr. J. M. Bigelow
Charles Albert Prescott	North Creek	Dr. James L. Fuller
Walter Ancel Reynolds	Albany	Drs. A. H. Traver and E. A. Vander Veer
John Fletcher Robinson, A. B	Albany	Drs. H. L. K. Shaw and A. MacFarlane
Willis Nelson Simons	Canajoharie	Dr. F. E. Simons
Eugene Gillis Steele	North Adams, Mass	Dr. J. H. Riley
Lemon Dwight Washburn	Fort Ann	Drs. Vander Veer, Traver and Rowe
Edward Gove Whipple	Malone	Dr. H. E. Lomax

Second Year

Charles Sanford Allen, Jr	Rensselaer	Drs. A. and E. A. Vander Veer
Floyd Jerome Atwell	Oaksville	Drs. J. W. Jennings and J. P. Hoile
George Warren Beebe	Johnstown	Dr. Frank Beebe
Joseph Lewi Bendell, A. B	Albany	Drs. Vander Veer, Macdonald and Bendell
Edward George Benson	Albany	Drs. J. V. Hennessy and J. L. Cooper
Montgomery Paulison Biggam	Albany	Dr. T. A. Ryan
Howard Philip Carpenter	Highland	Drs. Lomax, Sadlier and La Moree
William David Collins, A. B	Green Island	Drs. M. Keenan and W. N. Campaign
Erastus Corning, A. B	Albany	Dr. S. B. Ward

*Matriculant only.

NAME	RESIDENCE	PRECEPTOR
Marcus Denis Cronin	Wilton	Dr. S. M. Roods
Walter Thomas Diver	Troy	Dr. J. B. Harvie
Joseph Lewi Donhauser, A. B	Albany	Drs. A. W. Elting and W. G. Lewi
Alfred Thomas Gabriels, A. B	Watervliet	Dr. P. J. Keegan
Louis Herbert Gaus	Albany	Dr. A. Sautter
Norman Charles Goodwin, A. B	Albany	Drs. F. Knowles and W. S. Hale
Edward Cochran Gow	Schuylerville	Drs. F. F. Gow and A. W. Elting
Alfred Woodward Grover	Kingston, Pa	Dr. J. B. Grover
Alejandro Buitrago Guilliod	Guayama, P. R	Dr. F. H. Greene
Augustus Joseph Hambrook	Cohoes	Drs. J. P. Prendergast and W. G. Macdonald
Edward William Jackson	Little Falls	Drs. G. L. Evelith and G. G Lempe
Dean Wardell Jennings	Cairo	Dr. L. B. Honeyford
Clarence Robert Kay	Amityville	Dr. H. R. Powell
Roy Charles Keigher	Schenectady	Drs. C. G. McMullen and H. A. Bryant
David Kidd	Troy	Dr. James Love
Richard Andrew Lawrence, A. B	Albany	Drs. D. V. O'Leary and W. G. Macdonald
Tiffany Lawyer	Albany	Dr. J. M. Moore
Jacob Henry Linden	Sharon Springs	Dr. S. L. Dawes
Kenneth Kenyon Linson	Kingston	Dr. E. H. Loughran
Robert Suttenfield Lipes	Nassau	Drs. H. J. Lipes and M. D. Lipes
*James Edward Maloney	Albany	Drs. E. A. Vander Veer and M. S. Leavy
John Sears McCormack	Albany	Drs. W. Hailes and W. G. Macdonald
Jerome Meyers, A. B	Albany	Drs. L. Blair, A. W. Elting, W. G. Lewi, H. J. Lipes
Zenas Van Duzen Orton	Northampton	Dr. D. S. Orton
William Clare Porter	Lestershire	Dr. H. E. Lomax
Stephen John Henry Reed	Schenectady	Dr. P. J. Markey
James Joseph Shea	Hoosick Falls	Dr. C. E. Shaw
Leonide George Surprenant	Cohoes	Dr. D. E. Montmarquet
William Carl Treder, Ph. B	Albany	Dr. A. J. Blessing
Herbert John Wright	Rhinebeck	Drs. M. M. Lown and A. H. Traver

First Year

Earl Erret Babcock	Deer River	Dr. W. H. Cramer
Fred J. Barnet	Albany	Drs. A. B. Van Loon and G. E. Gorham
William Edward Barth	Schaghticoke	Albany Medical College
John Adkins Battin	Watervliet	Drs. H. E. Battin and S. L. Dawes
Hartley Edward Boorom	Interlaken	Dr. H. E. Lomax
George Henry Bradshaw	Upper Troy	Drs. B. L. Shaw and R. H. Irish
Samuel Pierson Brush	Troy	Dr. W. N. Campaign
Eugene Howard Burnes	Amsterdam	Drs. R. G. Johnson and W. G. Tucker
*Dennis James Carroll	North Hebron	Dr. J. J. Dever
William Henry Conger	Union Church	Dr. H. Becker
Joseph Davis	High Falls	Dr. B. Latcher
Joseph Raoul Dugas	Cohoes	Albany Medical College
†John Murray English	Troy	Dr. J. J. English
Earl William Fuller	Utica	Dr. E. D. Fuller
Frank Garten	Westchester	Albany Medical College
*John Lucien Gibeau	Cohoes	Albany Medical College
John Rouse Gillett, A. B	Kingston	Dr. G. H. Van Gaasbeek
Edwin Francis Hagedorn	Gloversville	Dr. A. C. Hagedorn
Elwin Wallace Hannock	Albany	Drs. W. O. Stillman and J. D. Craig
Rosslyn Philip Harris	Delanson	Dr. W. G. Macdonald
*Harley Heath	Warrensburgh	Albany Medical College
John Thomas Hopkins Hogan	Troy	Dr. T. F. Judge

*Matriculant only.

†Part of course.

NAME	RESIDENCE	PRECEPTOR
James Edward Hourigan	Schenectady	Dr. C. G. McMullen
Stanton Perry Hull	Berlin	Dr. J. B. Hull
‡George Burr Kinner	Albany	Dr. H. J. Lipes
Alexander Mitchell Loewenstein	Troy	Dr. D. W. Houston
John Joseph Aloysius Lyons, Ph. G	Albany	Dr. W. G. Tucker
Robert Daniel Manning	Mohawk	Drs. A. C. Douglass and W. G. Tucker
Charles Gibson McGaffin, Ph. B	Cohoes	Dr. J. H. Mitchell
George Bolton McMurray	Troy	Dr. J. Magee
Robert Copeland Mooney	Gloversville	Dr. E. C. Podvin
William Leslie Munson	Granville	Dr. B. D. Mosher
John Paul O'Keeffe	Hadley	Dr. J. J. Montgomery
Charles Bates Phillips	Gloversville	Dr. Wm. Davis
Ralph Johnson Pickering	Troy	Drs. E. H. Burbeck and O. F. Kinloch
George Philo Pitkin	Schroon Lake	Dr. E. J. Dunn
Milton Woolley Platt	Albany	Drs. M. McHarg and G. E. Lochner
John Joseph Rainey	Troy	Drs. J. Neary and M. McGrane
Edward John Riley	Rensselaer	Dr. E. Gerald Griffin
George Stephen Silliman, A. B	Stockport	Dr. W. G. Macdonald
Ray Ernest Smith	Ballston Spa	Drs. F. Sherman and A. Vander Veer
Herbert Edgar Sperry	Penfield	Drs. E. H. Earl and G. G. Lempe
William J. Thompson	Oneonta	Dr. Charles R. Marsh
Joseph Edward Windbiel	Amsterdam	Dr. E. C. La Porte
John Wingate	Princetown	Albany Medical College
Paul Virgil Winslow	Warwick	Dr. H. K. Bradner
Calvin Bassler Witter	Albany	Dr. B. T. Smelzer

‡Died December 3, 1904.

Summary

Fourth Year Class	53
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First Year Class	47
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GRADUATES OF 1905

Commencement Exercises Held at Odd Fellows' Hall, Tuesday, May 2, 1905

NAME	RESIDENCE
Kenneth Daniel Blackfan	Cambridge, N. Y.
James Marmaduke Boddy, A. M	Troy, N. Y.
Homer Andrew Bushnell	North Adams, Mass.
George Morris Casey	Schuylerville, N. Y.
Archie Bert Chappelle	Kingston, N. Y.
Arthur Preston Clark	Albany, N. Y.
Kenn Romeo Coffin	Cooperstown, N. Y.
Miles Jacob Cornthwaite	Troy, N. Y.
John Henry Famian Coughlin	Troy, N. Y.
Walter Allen Cowell, A. B	Albany, N. Y.
John Dixon Crane	Hawley, Pa.
Orrel Charles Curtis	South Egremont, Mass.
Theodore David Dockstader	Sharon Center, N. Y.
Patrick John Donahoe	Albany, N. Y.
William Mulvihill Dwyer	Amsterdam, N. Y.
John Peter Faber	Albany, N. Y.
Thomas Joseph Flynn	Johnstown, N. Y.
Perlia Elijah Garlock	Sprakers, N. Y.
William Joseph Garvey	Troy, N. Y.
Charles Erastus Green, M. D	Brooklyn, N. Y.
Fred Flanagan Gremore	St. Regis Falls, N. Y.
Charles William Louis Hacker	Albany, N. Y.
Walter Ennis Hays, A. B	Albany, N. Y.
Chester Alan Arthur Hemstreet	Waterford, N. Y.
Thurman Alson Hull	Williamstown, Mass.
Lemuel Rankins Hurlbut	Troy, N. Y.
Frank James Hurley	Bennington, Vt.
Matthew Joseph Keough	Cohoes, N. Y.
Oscar Franklin Larson	Poultney, Vt.
Edward Miltimore	Catskill, N. Y.
Francis Joseph Noonan	Troy, N. Y.
George Washington Papen, Jr	Albany, N. Y.
Herbert Bowen Reece	Troy, N. Y.
William Garfield Rommel	Troy, N. Y.
Henry Stanton Rowe, Jr., A. B	Cohoes, N. Y.
Harry Rulison	Albany, N. Y.
Frank George Schaible	Albany, N. Y.
John Ralph Schermerhorn	Randall, N. Y.
Frederick Foster Schirck	Saratoga Springs, N. Y.
Arthur Hamilton Schuyler	Fonda, N. Y.
Francis Joseph Scott	Cohoes, N. Y.
Benjamin Franklin Seaman	Matteawan, N. Y.
Hamilton Munn Southworth	Nassau, N. Y.
Charles William Stratton	Lee, Mass.
Charles Clark Sweet	Petersburg, N. Y.
James Harvey Van Buren	Jefferson, N. Y.
Edward Hellis Vines	Saratoga Springs, N. Y.
George Walrath	St. Johnsville, N. Y
Alfred Le Roy Warner	Troy, N. Y.
Roscoe Conkling Waterbury	Nassau, N. Y.
James Watson White	Wappingers Falls, N. Y.
Edwin Barnes Wilson, A. B	Hudson, N. Y.

PRIZES AND HOSPITAL APPOINTMENTS

1905

Vander Poel prize, for best bedside examination in general medicine, to Dr. Edwin B. Wilson.

Vander Veer-Macdonald prize, for best report of surgical clinics, to Dr. Frank G. Schaible.

Hailes-Morrow prize, for second best report, to Dr. Henry S. Rowe, Jr.

Merrill prize, for best report of eye and ear clinics, to Dr. Herbert B Reece.

Townsend prize, for best examination in physiology at end of first year of study, to Mr. John R. Gillett.

Boyd prize, for best final examination in obstetrics, to Dr. Oscar F. Larson.

Nellis prize, for best final senior examination, to Dr. Charles W. L. Hacker.

Powell prize, for best final third year examination, to Mr. Theobald F. Doescher.

Huested prize, for best final first year examination, to Mr. George S. Silliman.

Daggett trust prizes, for best anatomical preparations, to Dr. Thurman A. Hull.

Daggett trust prizes, for best deportment, first to Dr. Orrel C. Curtis; second to Dr. Edward H. Vines.

Appointed Essayist for 1905, Mr. Theobald F. Doescher; Alternate Mr. Lee Roy Dunbar.

Albany Hospital Appointments.—Drs. Edwin B. Wilson; Thomas J. Flynn; Charles W. L. Hacker; Henry S. Rowe, Jr.; Arthur H. Schuyler and John R. Schermerhorn.

St. Peter's Hospital.—Drs. Harry Rulison, George M. Casey and Frank J. Hurley.

Troy Hospital.—Drs. John H. F. Coughlin; Francis J. Scott and Francis J. Noonan.

Ray Brook State Tuberculosis Hospital.—Drs. Perlia E. Garlock and Fred F. Gremore.

Philadelphia Polyclinic Hospital.—Dr. Walter E. Hays.

Samaritan Hospital, Troy.—Drs. Charles C. Sweet and William G. Rommel.

Mineola L. I. Hospital.—Drs. Frederick F. Schirck and Frank G. Schaible.

MEDICAL STUDENT EXAMINATIONS

FROM LAWS OF 1893, CH. 661, AS AMENDED TO 1905.

To provide for the preliminary education of medical students:

The degree of bachelor or doctor of medicine shall not be conferred in this state before the candidate has filed with the institution conferring it the certificate of the regents that before beginning the first annual medical course counted toward the degree unless matriculated conditionally as hereinafter specified, he had either graduated from a registered college or satisfactorily completed a full course in a registered academy or high school; or had a preliminary education considered and accepted by the regents as fully equivalent; or held a regents medical student certificate, granted before this act took effect; or had passed regents examinations as hereinafter provided. A medical school may matriculate conditionally a student deficient in not more than one year's academic work or 12 counts of the preliminary education requirement provided the name and deficiency of each student so matriculated be filed at the regents office within three months after matriculation, and that the deficiency be made up before the student begins the second annual medical course counted toward the degree. Students who had matriculated in a New York medical school before June 5, 1890, and students who matriculated in a New York medical school before May 13, 1895, as having entered before June 5, 1890, on the prescribed three years study of medicine, shall be exempt from this preliminary education requirement.

A medical student certificate may be earned without notice to the regents of the conditional matriculation either before the student begins the second annual medical course counted toward the degree or two years before the date of the degree for matriculates in any registered medical school, in the four cases following:

1. For matriculants prior to May 9, 1893, for any 20 counts, allowing 10 for the preliminaries, not including reading and writing;

2. For matriculants prior to May 13, 1895, for arithmetic, elementary English, geography, spelling, United States history, English composition and physics, or any 50 counts, allowing 14 for the preliminaries;

3. For matriculants prior to January 1, 1896, for any 12 academic counts (regents examinations only);

4. For matriculants prior to January 1, 1897, for any 24 academic counts (regents examinations only).

But all matriculants, after January 1, 1897, must secure 48 academic counts, or their full equivalent, before beginning the first annual medical course counted toward the degree, unless admitted conditionally, as hereinbefore specified, when the deficiency must be made up before the student begins the second annual medical course counted toward the degree.

Notes on the Law

1. For matriculates prior to January 1, 1897, medical schools are not required to furnish notice of conditional matriculation, and such students

may make up the full requirement at any time before beginning the second annual course counted toward the degree, or two years before the date of the degree.

All matriculates after January 1, 1897, must secure 48 academic counts or their full equivalent, before beginning the first annual course counted toward the degree unless admitted conditionally, in which case the deficiency is not to exceed 12 academic counts and must be made up before the student begins the second annual course counted toward the degree.

a. Partial equivalents may be accepted for the medical student certificates; i. e., evidence of completion in a registered school of one or more full years of high school work and regents examinations in additional subjects representing the balance of the required four-year course.

b. Regents examinations in the second or third year of any language course will be accepted as including the preceding years in those courses.

c. Candidates unable to offer certificates of the required academic work in a registered institution may present evidence to the regents that they had the required preliminary education before beginning the second annual course counted toward the degree, and may on passing regents' examinations receive their certificates as of the date when the preliminary work was completed.

2. The regents will accept as fully equivalent to the required academic course any one of the following:

(*a*) A certificate of having successfully completed at least one full year's course of study in the collegiate department of any college or university, registered by the regents as maintaining a satisfactory standard.

(*b*) A certificate of having passed in a registered institution examinations equivalent to the full collegiate course of the freshman year or to a completed academic course.

(*c*) Regents' passcards for any 48 academic counts or any regents' diploma. Beginning with the September 1905 academic examinations, 12 old academic counts are the equivalent of 15 new.

(*d*) A certificate of graduation from any registered school in Germany, Austria, Russia, Italy, France or Spain.

(*e*) Any credentials from a registered institution or from the Government in any state or country which represents the completion of a course of study equivalent to graduation from a registered New York high school or academy or from a registered Prussian gymnasium.

Extracts from Rules

Order of studies—There is no restriction in the order in which studies may be taken.

Time limit. There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credentials may be passed at different examinations.

Seventy-five per cent of correct answers is required in all subjects.

Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates.

Candidates not attending schools in which regents' examinations are

held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place.

Certificates without examinations—Candidates having credentials which can be accepted in place of an examination, should send them to the New York State Education Department. If accepted the proper certificates will be sent.

Sample papers—Unbound sample papers can be had for 10 cents for not exceeding ten subjects. The exact grounds covered by these examinations is shown in the *Regents' Academic Syllabus*, which is mailed prepaid for 25 cents.

Medical Student certificate—When all requirements are fulfilled, the regents grant on receipt of 25 cents a medical student certificate, which shows the subjects and their value.

On receiving this certificate, the candidate must send it to the secretary or recording officer of the university or college at which he intends to study medicine.

Address all communications relating to these examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

Dates of Regents' examinations for the academic year 1905-1906; 1905, September 26, 28; 1906, January 22, 26; June 11, 15.

NOTE—September examinations will be held in Albany for medical students, and also in New York, Syracuse and Buffalo. Other examinations will be held at different points throughout the State. Particulars concerning these examinations may be obtained by addressing Examinations Division, New York State Education Department, Albany, N. Y.

REQUIREMENTS FOR LICENSE TO PRACTICE MEDICINE IN NEW YORK STATE

All requirements for admission should be completed at least one week before examinations.—They are as follows:

1. Evidence that applicant is more than 21 years of age (Form 1).

2. Certificate of moral character from not less than two physicians in good standing (Form 1).

3. Evidence that applicant has the general education required, preliminary to receiving the degree of bachelor or doctor of medicine in this state; 36 counts or equivalent before beginning first medical year, 48 counts or equivalent before beginning the second (Medical student certificate. See handbook No. 3, Examinations).

4. Evidence that applicant has studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of at least six months each, in four different calendar years in a medical school registered as maintaining at the time, a satisfactory standard. New York medical schools and New York medical students shall not be discriminated against by the registration of any medical school out of the state, whose minimum graduation standard is less than that fixed by statute for New York medical schools.

The increase in the required course of medical study from three to four years took effect January 1, 1898, and applies to students who matriculate after that date and receive the degree of M. D., after January 1, 1902, (Form 1).

First exemption: "The regents may in their discretion accept as the equivalent for any part of the third and fourth requirement, evidence of five or more years reputable practice of medicine, provided that such substitution be specified in the license," and as equivalent of the first year of the fourth requirement, evidence of graduation from a registered college course provided that such college course shall have included not less than the minimum requirements prescribed by the regents for such admission to advanced standing.

5. Evidence that applicant "has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full right to practice medicine in some foreign country." (Form 2). Original credential from foreign candidates only.

6. The candidate must pass examinations in anatomy, physiology and hygiene, chemistry, surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica. The questions "shall be the same for all candidates except that in therapeutics, practice and materia medica all the questions submitted to any candidate shall be chosen from those prepared by the board selected by that candidate and shall be in harmony with the tenets of that school as determined by its state board of medical examiners."

Second exemption: "Applicants examined and licensed by other state examining boards registered by the regents as maintaining standards not lower than those provided by this article, and applicants who matriculated in a New York state medical school before June 5, 1890, and who received the degree M. D. from a registered medical school before August 1, 1895, may without further examination, on payment of $10 to the regents and on submitting such evidence as they may require, receive from them an indorsement of their licenses or diplomas, conferring all rights and privileges of a regents' license issued after examination."

7. A fee of $25 payable in advance.

8 In 1901 the medical law was amended, giving the regents power to admit conditionally to the licensing examinations in anatomy, physiology and hygiene, and chemistry, applicants certified as having studied medicine not less than two full years of at least nine months each, including two satisfactory courses of at least six months each, in two different calendar years, in a medical school registered as maintaining at the time a satisfactory standard; provided that such applicants are more than nineteen years of age, of good moral character, have the requisite preliminary education and pay the fee of $25; the final examinations in surgery, obstetrics, pathology and diagnosis, and therapeutics, practice and materia medica, to be met after having finished the full period of study and having received the medical degree.

Notes on the Law

1. Seventy-five per cent. of correct answers is required in all subjects.
2. All subjects must be passed at the same examination.

NOTE—When a candidate for license has been rejected in but *one* topic and his total average in other six topics is at least 80, at subsequent examinations he shall be examined only in the topic in which he originally failed to receive the required (75) percentage.

3. All examinations must be conducted in the English language.

Medical Examinations

Examinations for license to practice medicine in this state will be held as follows:

DATES		PLACES
1905	1906	New York
June 20-23	Jan. 30–Feb. 2	Albany
Sept. 26-29	May 22-25	Syracuse
	June 19-22	Buffalo
		Each candidate is notified as to exact place.

Daily Program

	Morning 9:15	Afternoon 1:15
Tuesday	Anatomy	Physiology and hygiene
Wednesday	Chemistry	Surgery
Thursday	Obstetrics	Pathology and diagnosis
Friday	Therapeutics	

Address all communications relating to State licenses and examinations to Examinations Division, New York State Education Department, Albany, N. Y., and not to this college.

ALBANY LAW SCHOOL

DEPARTMENT OF LAW—UNION UNIVERSITY
ESTABLISHED 1851.

The law school occupies a building wholly devoted to its use. It is situated upon one of the finest avenues in the city in close proximity to the Capitol, State Law library, Law courts, etc.

With the term ending May 31, 1905, the school completed its fifty-fourth year. Since its establishment upwards of four thousand students have attended its lectures and among its graduates are numbered many of the most successful and honorable members of the bench and bar, and of the executive departments of the country.

It has been and is the aim of the school to combine, as thoroughly as possible, the theoretical and practical in its scheme of instruction.

The local advantages of the city of Albany as the seat of a school of instruction in the law are unsurpassed.

The course leading to the degree of LL. B. is two years.

The course for students wishing to complete their studies preparatory to the bar examinations is one year preceded by two years in a law office.

The next course begins September 26, 1905.

For catalogues or further information, address

Albany Law School,
Albany, N. Y.

JOHN J. HUGHES, *Secretary.*

DUDLEY OBSERVATORY, ALBANY

The Dudley Observatory was founded in 1852. In 1874 it became, by act of the legislature, a department of Union University. It is located on Lake Avenue, southwest of Washington Park. Visitors are admitted only on Tuesday evenings, from 8 o'clock to 10, and on passes obtained from the members of the board of trustees.

Instruction is given to special students.

For further information, address

PROFESSOR LEWIS BOSS, A. M.
Director of the Dudley Observatory,
Albany, N. Y.

ALBANY MEDICAL ANNALS

The ALBANY MEDICAL ANNALS was established in 1880 for the purpose of recording the transactions of the Medical Society of the County of Albany, and items of medical interest to the medical profession generally. In 1891 the ANNALS became the Journal of the Alumni Association of the Albany Medical College, and has extended its field to cover all branches of medicine and surgery, under the direction of editors for each department. The yearly volume now consists of approximately nine hundred text pages.

The ANNALS is published on the first of every month. The subscription price is two dollars a year in advance.

Original articles, items of medical importance and correspondence upon topics of current interest are solicited.

Communications and subscriptions should be addressed

ALBANY MEDICAL ANNALS,
170 Washington Avenue, Albany, N. Y.

ALBANY HOSPITAL TRAINING SCHOOL FOR NURSES

The training school for nurses was organized in December, 1896, and incorporated in April, 1897. Its objects are the improvement of the nursing service in the Albany Hospital and the education of graduate nurses. A three year course of instruction has been adopted, including lectures by the members of the medical and surgical staffs of the hospital and other physicians, recitations to the Superintendent of Nurses, and practical ward instruction in the care of the sick and injured and in midwifery under the direction of graduate nurses.

Pupils are received as probationers, and after acceptance by the Superintendent of Nurses enter upon the regular course of study.

No fees are charged for instruction, the services rendered in the wards of the hospitals being accepted as an equivalent. After the first three months an allowance of seven dollars a month for necessary expenses, clothing, books, etc., is granted the pupils of the school.

No applicants are considered who do not express their willingness and intention to remain throughout the full course of three years. For information address

SUPERINTENDENT OF NURSES,
Albany Hospital, Albany, N. Y.

THE ALBANY HOSPITAL
Incorporated 1849

ST. PETER'S HOSPITAL

UNION COLLEGE

The college offers to students courses leading to the degrees of A. B., B. S., Ph. B., B. E. There is a department of physical training.

Candidates must be at least sixteen years old. Those from other colleges must bring letters of honorable dismission and pass satisfactory examination.

The fee for tuition is $25 a term, payable in advance; room rent $40 to $60 a year additional. Board costs $3 to $4 a week. Scholarships exist yielding some remission on term bill. Commencement occurs always on the second Wednesday of June. Fall term of 1905 begins September 21. Entrance examinations are held on the Thursday and Friday immediately following Commencement, and on the Monday, Wednesday and Thursday of the first week of the fall term.

For catalogue address,

REGISTRAR OF UNION COLLEGE,
Schenectady, N. Y.

SCHOOL OF ENGINEERING

Three courses in Engineering are offered, viz.: A general Civil Engineering course, which is intended to give the basis of an Engineering education, including the fundamental principles of all special branches of the profession, a knowledge of both French and German, and a course in English; a special course in Sanitary Engineering, which differs from the general course in substituting special work in Sanitary Engineering for some of the general Engineering studies; and a course in Electrical Engineering. In the latter course the students are given valuable opportunities for observation, inspection and participation in practical work, by reason of privileges extended by the General Electric Company of Schenectady.

The Degree of Bachelor of Engineering is given for the successful completion of any one of these courses.

In the department of Electrical Engineering, a Graduate course of one year is given, leading to the degree of Electrical Engineer.

The thoroughness and completeness of the course of instruction, the opportunities and arrangements for practice, and the moderate charges ($25 per term) commend the school to those contemplating the engineering profession.

For catalogue or special information regarding the Department of Civil and Sanitary Engineering, address,

OLIN H. LANDRETH, C. E., Schenectady, N. Y.

For catalogue and special information regarding the Department of Electrical Engineering, address,

CHARLES P. STEINMETZ, PH D., Schenectady, N. Y.

ALBANY COLLEGE OF PHARMACY

Department of Pharmacy, Union University

SESSION OF 1905–1906

This department was created by act of the Board of Governors of Union University, June 21, 1881, and incorporated August 27, 1881. The twenty-fifth session will open on Monday, October 2, 1905, and close April 10, 1906. The exercises of the college are held in the Albany Medical College building on Eagle street and in the Pharmaceutical Laboratory on Maiden Lane.

The following constitute the faculty:

WILLIS G. TUCKER, M. D., PH. D., F. C. S., Dean,
Professor of Chemistry.

ALFRED B. HUESTED, M. D., Ph. G.,
Professor of Botany and Materia Medica.

GUSTAVUS MICHAELIS, PH. G.,
Emeritus Professor of Pharmacy.

THEODORE J. BRADLEY, B. S., Ph. G., Secretary,
Lecturer on Physics and Pharmaceutical Mathematics and Instructor in Chemistry.

GARRETT V. DILLENBACK, Ph. G.,
Associate Professor of Pharmacy.

EDWIN C. HUTMAN, Ph. G.,
Director of Pharmaceutical Laboratory.

ARTHUR T. LAIRD, M. D.,
Instructor in Microscopy.

JAMES E. HUESTED,
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FEES:

The fees are $75 per year, with no incidentals, excepting a laboratory deposit of $2.

For catalogues or further information, address,

THEODORE J. BRADLEY, Ph. G., *Secretary*,
4 Lancaster Street, Albany, N. Y.

ASSOCIATION OF THE ALUMNI OF THE ALBANY MEDICAL COLLEGE

INCORPORATED FEBRUARY 6, 1874.

This association was organized January 20, 1874. The membership consists of the officers and graduates of the college. Total number of graduates, 2,542. Names and addresses upon the roll, 1,597. The object of the association is to promote the interests of the college in the work of medical education, and to cultivate social intercourse among the alumni. The annual meeting is held upon commencement day. The officers of the association, excepting the members of the executive committee, who serve for three years, are elected annually.

OFFICERS FOR 1905

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Dr. ARTHUR J. BEDELL ('01), Albany, N. Y.
together with the president, recording and corresponding secretaries, treasurer, historian and registrar of the college, *ex officio*.

The next annual meeting will be held in the college building on Tuesday, May 1, 1906. So far as their addresses can be ascertained all graduates of the college are notified of the annual meetings through the mail. Those who do not receive such notice regularly are requested to furnish the recording secretary with their addresses and to keep him informed of any change in their place of residence. The yearly dues are fixed at one dollar. This may be sent to Dr. Robert Babcock, Treasurer, 102 Lancaster street, Albany, N. Y.

CHARLES B. TEFFT, M. D., *President*.

J. MONTGOMERY MOSHER, M. D., *Recording Secretary*,
170 Washington Avenue, Albany, N. Y.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION

OF THE CITY OF NEW YORK

Organized 1895

OFFICERS FOR 1905

President—Dr. GEORGE H. BAKER ('86), Long Branch, N. J.
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Dr. JAMES J. ALEXANDER ('71), New York City.
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ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION

OF CENTRAL NEW YORK

Organized 1901

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Dr. GEORGE W. E. GOODELL ('94), Bridgeport, N. Y.
Dr. ABRAM G. BROWER ('61), Utica, N. Y.
Secretary—Dr. FREDERICK H. BREWER ('78), Utica, N. Y.
Treasurer—Dr. DURAND R. KINLOCH ('95), Utica, N. Y.

Meeting of 1905 will be held in Utica, September 27.

ALBANY MEDICAL COLLEGE ALUMNI ASSOCIATION

OF NEW ENGLAND

Organized 1899

OFFICERS FOR 1905

President—Dr. THOMAS D. CROTHERS ('65), Hartford, Conn.
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Secretary—Dr. WALTER G. MURPHY ('90), 75 Pratt St., Hartford, Conn.
Treasurer—Dr. ALFRED H. HOADLEY ('86), Northampton, Mass.
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Meeting of 1905 will be held in Hartford, October 9.

HOSPITALS

The following hospitals, by regulation of their governing boards, are made available for clinical purposes to the students.

Albany Hospital

New Scotland Avenue

MEDICAL AND SURGICAL STAFF

Consulting Physician
SAMUEL H. FREEMAN, M. D.

Consulting Obstetrician
JAMES P. BOYD, M. D.

Consulting Physician, Throat and Nose
JOHN M. BIGELOW, M. D.

Consulting Surgeon
WILLIAM HAILES, M. D.

Attending Physicians
SAMUEL B. WARD, M. D.
HENRY HUN, M. D.
JOSEPH D. CRAIG, M. D.
HOWARD VAN RENSSELAER, M. D.

Attending Specialists
CYRUS S. MERRILL, M. D., Eye and Ear
HERMAN BENDELL, M. D., Eye and Ear
JAMES P. BOYD, M. D., Gynecology
FREDERIC C. CURTIS, M. D., Dermatology
EZRA A. BARTLETT, M. D., Electricity
ARTHUR G. ROOT, M. D., Throat and Nose
J. MONTGOMERY MOSHER, M. D., Mental Diseases
LEO H. NEUMAN, M. D., Stomach and Intestines
JOHN A. SAMPSON, M. D., Gynecology
ARTHUR F. HOLDING, M. D., Electro-Radio-Therapeutics

Assistant Attending Ophthalmic and Aural Surgeon
CHARLES H. MOORE, M. D.

Assistant Attending Physician in Department of Skin
ARTHUR SAUTTER, M. D.

Dispensary Physicians
WILFRED S. HALE, M. D.
WILLIAM G. LEWI, M. D.
GEORGE E. LOCHNER, M. D.
THOMAS W. JENKINS, M. D.
MARTIN MACHARG, M. D.
WILLIAM H. GEORGE, M. D.
ARTHUR SAUTTER, M. D.
ANDREW MACFARLANE, M. D.
HENRY L. K. SHAW, M. D.
ARTHUR J. BEDELL, M. D.
JAMES F. ROONEY, M. D.
ARTHUR F. HOLDING, M. D.

Surgeon-in-Chief
ALBERT VANDER VEER, M. D.

Attending Surgeons
SAMUEL R. MORROW, M. D.
WILLIS G. MACDONALD, M. D.
EDGAR A. VANDER VEER, M. D.
ARTHUR W. ELTING, M. D.

Obstetric Surgeons
G. EMORY LOCHNER, M. D.
WILLIAM H. HAPPEL, M. D.
H. JUDSON LIPES, M. D.

Assistant Attending Physician
LEO H. NEWMAN, M. D.

Assistant Attending Surgeon
ALVAH H. TRAVER, M. D.

Pathologist
RICHARD M. PEARCE, M. D.

Chief of Medical Clinic
JAMES F. ROONEY, M. D

Dentist
LEROY S. BLATNER, D. D. S.

Resident Physicians and Surgeons
MALCOLM DOUGLAS, M. D.
EDWIN B. WILSON, M. D.
THOMAS J. FLYNN, M. D.
CHARLES W. L. HACKER, M. D.
HENRY S. ROWE, M. D.
ARTHUR H. SCHUYLER, M. D.
JOHN R. SCHERMERHORN, M. D.
THURMAN A. HULL, M. D.

Superintendent
JOHN L. GODLEY

Superintendent of Training School
MISS EMILY MACDONNELL

Pharmacist
ANDREW W. MCLAUGHLIN, PH. G.

St. Peter's Hospital

Corner Broadway and North Ferry Street

Medical and Surgical Staff

Consulting Physician
T. Kirkland Perry, M. D.

Attending Surgeons
Arthur W. Elting, M. D.
John B. Harvie, M. D.

Assistant Surgeons
Joseph A. Cox, M. D.
E. Gerald Griffin, M. D.

Ophthalmic and Aural Surgeons
George S. Munson, M. D.
Leo F. Adt, M. D.

Obstetric Surgeon
John F. Reilly, M. D.

Attending Physicians
Henry Hun, M. D.
Howard Van Rensselaer, M. D.
Andrew MacFarlane, M. D.
Terence L. Carroll, M. D.

Nose and Throat
Clement F. Theisen, M. D.

Genito-Urinary and Skin Diseases
James W. Wiltse, M. D.

Dispensary Staff

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Joseph A. Cox, M. D.
E. Gerald Griffin, M. D.

Physicians
Joseph P. O'Brien, M. D.
William H. Happel, M. D.
Joseph A. Lanahan, M. D.

Diseases of Children
Henry L. K. Shaw, M. D.

Resident Surgeons
George M. Casey, M. D.
Harry Rulison, M. D.

Resident Physician
Frank J. Hurley, M. D.

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Corner Elk and North Hawk Streets

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Henry Hun, M. D.
(Neurologist)

Howard Van Rensselaer, M. D.
Andrew MacFarlane, M. D.
(St. John's House)

Henry L. K. Shaw, M. D.
(St. Margaret's House)

Attending Surgeons
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Alvah H. Traver, M. D.

Charles E. Davis, M. D.
Arthur W. Elting, M. D.

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Cyrus S. Merrill, M. D.

Charles H. Moore, M. D.

Laryngologist and Rhinologist
Clement F. Theisen, M. D.

Pathologist
Richard M. Pearce, M. D.

Dermatologist
Frederic C. Curtis, M. D.

Dental Surgeon
Dr. Fr. G. Michel

County Hospital

Physician and Surgeon
Joseph H. Blatner, M. D.

Resident Physician
Kenneth D. Blackfan, M. D.

The South End Dispensary of the Albany Free Dispensary Association

Corner Trinity Place and Westerlo Street

MEDICAL AND SURGICAL STAFF

Consulting Surgeon

ALBERT VANDER VEER, M. D.

Consulting Physician

SAMUEL BALDWIN WARD, M. D.

Consulting Specialist on Dermatology

FREDERIC COLTON CURTIS, M. D.

Attending Surgeons

WILLIS G. MACDONALD, M. D.
CHARLES E. DAVIS, M. D.
WILLIAM H. GEORGE, M. D.

Attending Physicians

LEO H. NEUMAN, M. D.
WILLIAM H. HAPPEL, M. D.
TERENCE L. CARROLL M. D.

Assistant Surgeons

JOHN H. GUTMANN, M. D.
ALVAH H. TRAVER, M. D.

Assistant Attending Surgeons

JOSEPH A. LANAHAN, M. D.
JOSEPH A. COX, M. D.
ARTHUR T. LAIRD, M. D.
JAMES F. ROONEY, M. D.

Attending Specialists

Eye and Ear

LEO F. ADT, M. D.

Genito-Urinary and Skin Diseases

ARTHUR SAUTTER, M. D.

Throat and Nose

ARTHUR G. ROOT, M. D.
LOUIS LE BRUN, M. D.

Diseases of Children

WILLIAM H. HAPPEL, M. D.

Diseases of Stomach and Intestines

LEO H. NEUMAN, M. D.

Dental Surgeon

LEROY S. BLATNER, D. D. S.

Albany's Hospital for Incurables

South Pearl Street

Physicians in Charge

HENRY HUN, M. D.
HOWARD VAN RENSSELAER, M. D.
ANDREW MACFARLANE, M. D.

Consulting Surgeon

SAMUEL R. MORROW, M. D.

Surgeon

WILLIAM H. HAPPEL, M. D.